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OF
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ANNUAL REPORTS
OF THE
VARIOUS CITY OFFICERS
OF THE
CITY OF MINNEAPOLIS



FOR THE YEAR 1891.

MINNEAPOLIS:
HARRISON & SMITH, PRINTERS.
1892.

45

YASRI MAI

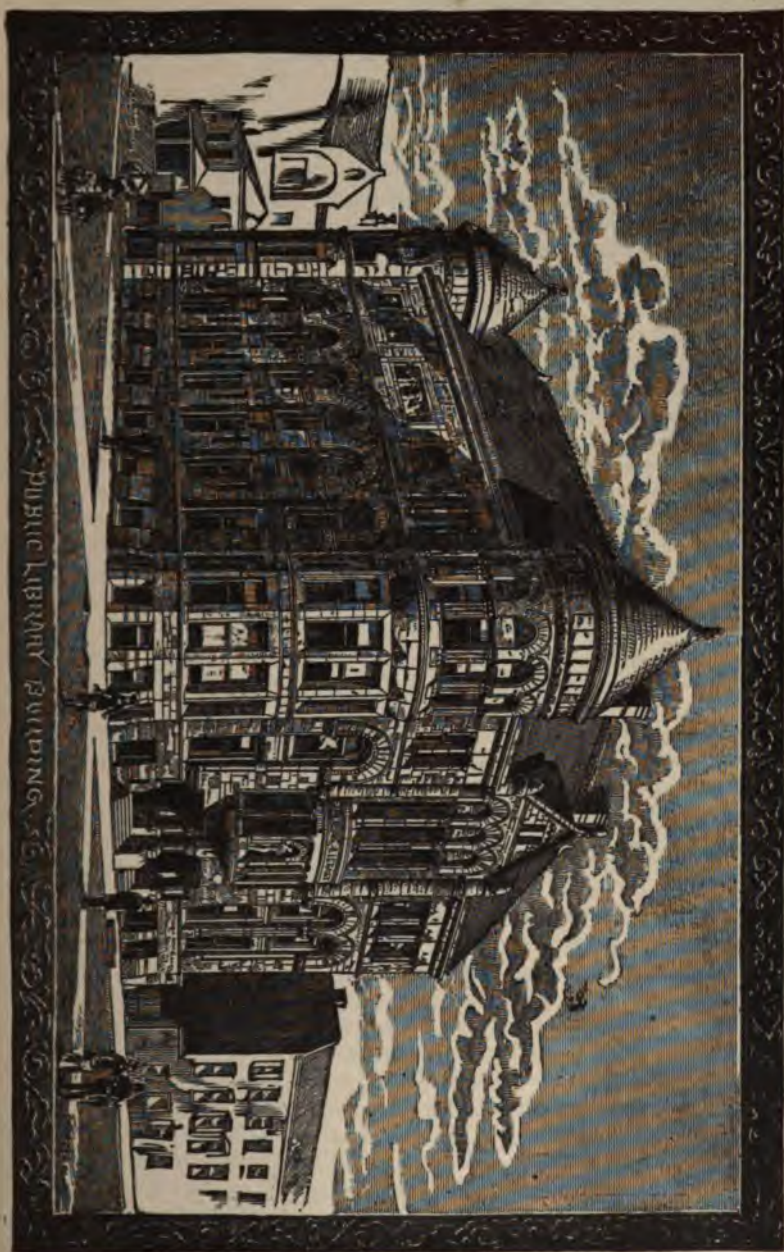
YASRI MAI

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HISTORICAL.

In 1838 Franklin Steele erected his claim shanty on the eastern shore of the Mississippi river, opposite the falls of St. Anthony. Seven years later, or in 1845, the first permanent house was erected in St. Anthony by Pierre Bottineau. The same year the city of St. Anthony was incorporated, and Hon. H. T. Welles (still living), elected the first mayor.

In 1849 the western shore of the Mississippi at the falls was a military reservation, and hence settlement was not permitted. But at the session of congress of that year two ex-soldiers of the Mexican war, Hon. Robert Smith of Illinois, and Col. John H. Stevens, were, by special act, allowed to make settlement on the reserve, and the former located his claim so as to take in the falls, while the latter built his house on the hillside where the Union Depot now stands, and near the spot where the western end of the suspension bridge was to terminate four or five years afterwards.

In 1854 the act was passed and became a law, throwing open to settlement the reservation west of the Mississippi river, and the "squatters" were allowed to purchase the lands upon which they had settled at the uniform government price of \$1.25 per acre. At the election that year seventy-five votes were cast, and the population was estimated at two hundred. In the fall of the same year the town was christened, the name "Minneapolis" having been suggested by Mr. Charles Hoag, a gentleman who lived to a ripe old age in the vicinity of this city, dying in March, 1888.

In 1854 the city of Minneapolis (west division) was platted, and before the close of that year boasted of a permanent population of 1,000 people. In 1857 the population had increased to about 2,000, and there was a tremendous rivalry between the two hamlets (St. Anthony and Minneapolis). In 1858 Minneapolis was vested with its first town or village government, but did not assume the responsibility of a full grown municipality until 1867.

Minneapolis and St. Anthony were rivals for commercial and manufacturing supremacy for more than twenty years, but finally in 1873 joined their fortunes under one name and one municipal government, and have since been known to the world as the progressive city of Minneapolis, with an area of 53 square miles, or 33,920 acres, with 1,500 acres of parks, with 2.345 miles of paved alleys, with 31.552 miles of cedar block street paving, with 177.177 miles of water mains, with 4.3 miles of granite block street paving, with 1.4 miles of asphalt street paving, with 101.29 miles of curbing, with 96.9 miles of sewer, with 50 public school buildings and an enrollment of 23,000 school children, with a population of 164,738, with 52,000 voters in 1890, with an assessed valuation of \$138,000,000, and a banking capital of \$9,000,000.

SUMMARY CITY OFFICERS.

OFFICERS.	Elected April 5, 1881—Roman. Hold overs in <i>Italic.</i>	Elected April 4, 1882—Roman. Hold overs in <i>Italic.</i>	Elected April 3, 1883—Roman. Hold overs in <i>Italic.</i>	Elected April 1, 1884—Roman. Hold overs in <i>Italic.</i>
Mayor.....	A. C. Rand.....	A. A. Ames.....	A. A. Ames.....	G. A. Pillsbury.
Comptroller.....	Wm. B. Hill.....	Wm. B. Hill.....	Wm. B. Hill.....	Sam. Goodnow..
City Treasurer.....	T. J. Buxton.....	T. J. Buxton.....	T. J. Buxton.....	T. J. Buxton.....
City Clerk.....	Selah Mathews.....	Selah Mathews.....	Selah Mathews.....	Selah Mathews.....
City Attorney.....	R. C. Benton.....	C. H. Benton.....	C. H. Benton.....	Judson N. Cross
City Engineer.....	Andrew Rinker.....	Andrew Rinker.....	Andrew Rinker.....	Andrew Rinker.....
Ald. 1st ward.....	M. W. Glenn.....	Anton Grethen.....	B. F. Nelson.....	M. W. Glenn.....
	Anton Grethen.....	B. F. Nelson.....	M. W. Glenn.....	E. F. Comstock..
	B. F. Nelson.....	M. W. Glenn.....	E. F. Comstock..	John Fleetham..
Ald. 2d ward.....	J. H. Gilmore.....	W. M. Barrows.....	T. F. Andrews.....	C. A. Coe.....
	W. M. Barrows.....	T. F. Andrews.....	C. A. Coe.....	E. M. Johnson.....
	T. F. Andrews.....	C. A. Coe.....	E. M. Johnson.....	F. C. Barrows.....
Ald. 3d ward.....	J. W. Anderson.....	Mathias Kees.....	Daniel Waitt.....	E. Eichhorn.....
	Mathias Kees.....	Daniel Waitt.....	E. Eichhorn.....	Chas. Hashow.....
	Daniel Waitt.....	E. Eichhorn.....	Chas. Hashow.....	Robert Pratt.....
Ald. 4th ward.....	Frank Beebe.....	F. S. Gilson.....	G. S. Cleveland.....	H. C. Morse.....
	F. S. Gilson.....	G. S. Cleveland.....	H. C. Morse.....	*F. L. Greenleaf..
	G. S. Cleveland.....	Henry C. Morse.....	F. L. Greenleaf.....	Emerson Cole.....
Ald. 5th ward.....	J. M. Parker.....	Fred L. Smith.....	C. W. Clark.....	William W. Sly.....
	Fred L. Smith.....	C. W. Clark.....	Jas. M. Parker.....	*S. C. Cutter.....
	C. W. Clarke.....	Jas. M. Parker.....	*G. A. Pillsbury.....	Jas. M. Parker.....
Ald. 6th ward.....	Joseph Holscher.....	Matt Walsh.....	A. C. Haugan.....	C. W. Clark.....
	Matt Walsh.....	A. C. Haugan.....	Joseph Holscher.....	Joseph Holscher.....
	A. C. Haugan.....	Jos. Holscher.....	Matthew Walsh.....	Matthew Walsh.....
Ald. 7th ward.....	.....	.....	N. H. Roberts (2).....	A. C. Haugan.....
	.....	.....	A. Noerenberg (3).....	N. H. Roberts.....
Ald. 8th ward.....	.....	.....	.....	A. J. Noerenberg.....
	.....	.....	S. P. Channel (2).....	*S. P. Channel.....
	.....	.....	A. Lawrence (3).....	Geo. W. Cooley.....
Ald. 9th ward.....	.....	.....	.....	Albert Lawrence.....
Ald. 10th ward.....
Ald. 11th ward.....
Ald. 12th ward.....
Ald. 13th ward.....

SUMMARY OF CITY OFFICERS.

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1881 TO 1891.

Elected April 7, 1885—Roman. Hold overs in Italic.	Elected April 6, 1886—Roman. Hold overs in Italic.	Elected April 5, 1887—Roman. Hold overs in Italic.	Elected Nov. 6, 1888—Roman.	Elected Nov. 4, 1890—Roman. Hold overs. Italic.
Geo. A. Pillsbury Sam. Goodnow... E. H. Moulton... Selah Mathews... Judson N. Cross Andrew Rinker E. F. Constock... John Fleetham... Titus Mareck... E. M. Johnson... F. C. Barrows... D. M. Clough... Chas. Haskow... Robert Pratt... E. Eichhorn... Emerson Cole... W. W. Sly...	A. A. Ames... F. G. Holbrook... E. H. Moulton... Selah Mathews... Judson N. Cross... Andrew Rinker... John Fleetham... Titus Mareck... E. J. L'Herauld... C. A. Hanscome... D. M. Clough... E. M. Johnson... F. C. Barrows... E. M. Johnson... W. H. Mills... John A. Gilman... Wm. McArdle... H. C. Morse... B. Cloutier...	A. A. Ames... F. G. Holbrook... E. H. Moulton... C. A. Cornman... Seagrave Smith... Andrew Rinker... Titus Mareck... E. J. L'Herauld... C. A. Hanscome... D. M. Clough... E. M. Johnson... F. C. Barrows... W. H. Mills... John A. Gilman... Wm. McArdle... H. C. Morse... B. Cloutier... Emerson Cole... Thos. Downs... Alonzo Phillips... C. W. Clark... Jacob Stoff... J. M. Gleason... Clar. Johnson... E. T. Gibson... Thos. P. Dwyer... A. J. Noerenb'rg... Geo. W. Cooley...	E. C. Babb... John F. Calderw'd... E. H. Moulton... Chas. F. Haney... Robt. D. Russell... Andrew Rinker... J. T. McGowan (4)... J. Ingenhutt (2)... F. Brueshab'r, Jr (2)... E. M. Johnson (4)... F. C. Barrows (2)... V. M. Smith (2)... G. A. Durnam (4)... C. P. Enstad (2)... J. A. Gilman (2)... E. G. Potter (4)... Emerson Cole (2)... S. B. Loye (2)... C. P. Lovell (4)... H. W. Brazie (2)... Thos. Downs (2)... Sam'l Hunter (4)... C. Ellingsen (2)... J. A. Swanson (2)... J. H. Parry (4)... J. M. Meloy (2)... Ole P. Flaten (2)... Melvin Grimes (4)... J. C. Sterling (2)... D. G. Thompson (2)... J. H. Bradish (4)... Erik Rhode (2)... Herman Vogt (2)... Vincent Reeves (4)... W. J. Bursell (2)... B. H. Billings (2)... J. A. Blichfeldt (4)... J. W. Phillips (2)... O. A. Fultz (2)... W. B. Woodward (d)... J. E. Vandew'ker (2)... A. S. Adams (2)... D. D. Farnsworth (4)... G. H. Warren (2)... J. S. Gray (2)...	Phillip B. Winston... Solon Armstrong... Kris'n Kortgaard... Chas. F. Haney... Robt. D. Russell... Andrew Rinker... Jos. Ingenhutt (4)... J. T. McGowan... Jas. C. Haynes (4)... F. C. Barrows (2)... Jos. L. Kitchli (4)... Geo. A. Durnam... E. G. Potter... Sam'l B. Loye (4)... Chas. P. Lovell... H. W. Brazie (4)... Lars. M. Rand (4)... J. H. Parry... M. B. Rollins (4) (d)... Melvin Grimes... G. W. Flanders (4)... J. H. Bradish... J. J. McGuire (4)... Vincent Reeves... F. A. Schwartz (4)... J. A. Blichfeldt... Wm. H. Lackey (4)... W. B. Woodward (d)... Geo. Peterson (4)... D. D. Farnsworth... J. S. Gray (4)...

*Elected mayor April 1, 1884; resigned as alderman of Fifth ward April 2, 1884.

†Resigned Feb. 25, 1884. ‡Elected March 15, 1884. §Resigned Feb. 27, 1884.

¶Elected March 15, 1884. *Elected at special election held April 19, 1884, to fill vacancy occasioned by the resignation of Geo. A. Pillsbury.

(a) Resigned March 10, 1887, to take effect March 25, 1887. (b) By act of legislature transferred to the Eleventh ward for the unexpired part of his term. (c) Died Aug. 18, 1889, and Dr. F. E. Hansen elected Sept. 10, 1889, to fill the unexpired term of D. G. Thompson. (d) By act of legislature changing boundary lines of the Seventh and Twelfth wards, Wm. B. Woodward was made to represent the Seventh ward and M. B. Rollins to represent the Twelfth ward.

Figures in parentheses, after names, thus (2), denote the number of years in term. By an act of legislature the term of all city officers holding over, and all those elected April 5, 1887, expired on the first Monday in January, 1889. Term of all officers elected Nov. 6, 1888, to commence on the first Monday in January, 1889. City Clerk, City Engineer and City Attorney are appointed by the City Council for two years.

ELECTION OF ALDERMEN.

AN ACT, to amend Section One, Chapter Two of the Charter of the City of Minneapolis, enacted by the Legislature of the State of Minnesota, and approved April 3rd, A. D. 1889.

SECTION 1. The elective officers of the City of Minneapolis shall be a Mayor, a Treasurer, a Comptroller, members of the City Council and the members of such other boards as this Charter shall create and declare to be elective officers of the city.

The City Council shall consist of three (3) aldermen from each ward in the city until the first (1st) Monday in January, one thousand eight hundred and ninety-one (1891), and thereafter shall consist of two (2) aldermen from each ward, to be elected by the qualified voters in their respective wards.

The aldermen shall each hold office for the term of four (4) years from and after the first (1st) Monday in January next following his election. *Provided* that the aldermen who were elected at the general election held in November, one thousand eight hundred and eighty-eight (1888) and qualified under such election, shall continue in office until the expiration of the term for which they were elected.

At the general election to be held in November, one thousand eight hundred and ninety (1890), and at each general election held every two years thereafter, there shall be elected one (1) alderman from each ward, to serve for the term of four (4) years from the first (1st) Monday in January, next following his election.

CITY OFFICERS, 1891.**ELECTIVE.**

PHILIP B. WINSTON,	-	-	Mayor.
KRISTIAN KORTGAARD,	-	-	Treasurer.
SOLON ARMSTRONG,	-	-	Comptroller.
CHAS. B. ELLIOTT,	-	-	*Municipal Judge.
STEPHEN MAHONEY,	-	-	Special Municipal Judge.
ELIJAH BARTON,	-	-	Justice of the Peace, East District.
WILLIAM H. MILLS,	-	-	Justice of the Peace, North District.
JOHN J. MCHALE,	-	-	Justice of the Peace, South District.

*Appointed by the Governor to fill the unexpired term of Geo. D. Emery, resigned

CITY COUNCIL.**OFFICERS OF COUNCIL.**

E. G. POTTER,	-	-	-	-	-	President.
JAMES S. GRAY,	-	-	-	-	-	Vice President.
CHAS. F. HANEY,	-	-	-	-	-	Clerk.

ALDERMEN.

JOHN T. MCGOWAN, JOSEPH INGENHUTT,	-	-	First Ward.
F. C. BARROWS, JAMES C. HAYNES,	-	-	Second Ward.
GEORGE A. DURNAM, JOSEPH L. KICHLI,	-	-	Third Ward.
E. G. POTTER, S. B. LOYE,	-	-	Fourth Ward.
CHAS. P. LOVELL, H. W. BRAZIE,	-	-	Fifth Ward.
SAM'L HUNTER, LARS M. RAND,	-	-	Sixth Ward.
JOHN H. PARRY, MORTIMER B. ROLLINS	-	-	Seventh Ward.
MELVIN GRIMES, GEO. W. FLANDERS,	-	-	Eighth Ward.
JAMES H. BRADISH, JOHN J. MCGUIRE,	-	-	Ninth Ward.
VINCENT REEVES, FRED. A. SCHWARTZ,	-	-	Tenth Ward.
JOHN A. Blichfeldt, WM. H. LACKEY,	-	-	Eleventh Ward.
WM. B. WOODWARD, GEORGE PETERSON,	-	-	Twelfth Ward.
D. D. FARNSWORTH, JAMES S. GRAY,	-	-	Thirteenth Ward.

APPOINTIVE.

ROBT. D. RUSSELL,	-	-	-	City Attorney.
CHAS. F. HANEY,	-	-	-	City Clerk.
J. C. PLUMMER,	-	-	-	City Assessor.
ANDREW RINKER,	-	-	-	City Engineer.
CHAS. A. CHASE,	-	-	-	City Physician.
AUGUST H. RUNGE,	-	-	-	Chief Engineer Fire Department.
†R. R. HENDERSON,	-	-	-	Superintendent of Police.
E. S. KELLEY, M. D.,	-	-	-	Commissioner of Health.
JOHN M. HAZEN,	-	-	-	Inspector of Buildings.
D. T. DAVIES,	-	-	-	Inspector of Meats.
JOHN M. MELOY,	-	-	-	Inspector of Street Lights.
FRANK T. MOODY,	-	-	-	Registrar of Water Works.
A. G. MOSHER,	-	-	-	Scaler of Weights and Measures.
C. L. SNYDER,	-	-	-	Superintendent of the Poor.
JOHN WEST,	-	-	-	Superintendent of the Workhouse.
J. H. McCONNELL,	-	-	-	Supervisor of Water Works.

†Appointed by the Mayor, confirmed by the Council.

STREET COMMISSIONERS.

F. BRUESHABER, JR.,	-	-	-	-	-	-	First Ward.
JOHN BROWN,	-	-	-	-	-	-	Second Ward.
HUGH WILSON,	-	-	-	-	-	-	Third Ward.
ROBERT McMULLEN,	-	-	-	-	-	-	Fourth Ward.
J. M. COLE,	-	-	-	-	-	-	Fifth Ward.
E. NEWMAN,	-	-	-	-	-	-	Sixth Ward.
E. J. JONES,	-	-	-	-	-	-	Seventh Ward.
JAS. S. TRIPP,	-	-	-	-	-	-	Eighth Ward.
CHAS. A. CARLSON,	-	-	-	-	-	-	Ninth Ward.
W. R. MEDCALF,	-	-	-	-	-	-	Tenth Ward.
OLAF DAMM,	-	-	-	-	-	-	Eleventh Ward.
WM. A. MARR,	-	-	-	-	-	-	Twelfth Ward.
F. H. INGALLS,	-	-	-	-	-	-	Thirteenth Ward.

The Street Commissioners are appointed by the City Council for a term of one year.

STANDING COMMITTEES OF THE CITY COUNCIL.

Ways and Means—Lovell, Barrows, Reeves, McGowan, Rollins.
Salaries—Durnam, Parry, Blichfeldt, McGuire, Ingenhutt.
Claims—Gray, Loye, Reeves, Ingenhutt, Lackey.
Taxes—Lovell, Bradish, Grimes, Parry, Haynes.
Licenses—Flanders, Woodward, Parry, Rand, McGuire.
Accounts of City Officers—Flanders, Bradish, Brazie, Rand, Peterson.
Public Grounds and Buildings—Loye, Barrows, Flanders, Lackey, Rand.
Bonds of City Officers—Hunter, Reeves, Lovell, Rollins, Kilchli.
Roads and Bridges—Bradish, Lovell, Loye, Woodward, Haynes.
Street Grades and Additions—Hunter, Farnsworth, Grimes, Peterson, McGowan.
Fire Department—Woodward, Flanders, Farnsworth, McGowan, Schwartz.
Water Works—Barrows, Durnam, Lovell, Farnsworth, Schwartz.
Gas—Parry, Durnam, Farnsworth, Schwartz, Haynes.
Sewers—Grimes, Durnam, Parry, Haynes, McGuire.
Markets—Gray, Reeves, Hunter, Ingenhutt, Peterson.
Printing—Farnsworth, Blichfeldt, Woodward, Kilchli, Ingenhutt.
Railroads—Durnam, Barrows, Grimes, Woodward, McGowan.
Police—Farnsworth, Flanders, Blichfeldt, Kilchli, Rand.
Health and Hospitals—Brazie, Gray, Schwartz.
Cancellation—Woodward, Hunter, Blichfeldt, McGuire, Rollins.
Ordinances—Bradish, Barrows, Lackey.
Rules—Brazie, Bradish, Peterson.
Workhouse—Reeves, Brazie, Gray, Rollins, McGowan.
Paving—Blichfeldt, Flanders, Loye, Parry, Kilchli.
Bethany Home—Parry, Loye, Haynes.
Underground Wires—Grimes, Durnam, Hunter, Rollins, McGuire.
Supervisors of the Poor—Ingenhutt, Barrows, Kilchli, Loye, Brazie, Hunter, Parry, Flanders, Bradish, Schwartz, Lackey, Peterson, Gray.
Legislation—Bradish, Lovell, Barrows, Grimes, Rand, Haynes McGowan.

SALARIES FIXED BY THE LEGISLATURE.

	Per Annum
Mayor	2,000.00
Aldermen	500.00
City Clerk (he to turn into the city treasury all fees received by "public law;" the city to pay all clerk hire)	3,100.00
Municipal Judges	3,000.00
Clerk, Municipal Court	1,800.00
Deputy Clerks	1,000.00
Stenographer	1,200.00

SALARIES FIXED BY CITY COUNCIL.

SCHEDULE OF SALARIES FOR 1891-1892

	Per Annum.
City Attorney	\$4,500.00
First Assistant City Attorney	1,500.00
Second Assistant City Attorney	1,200.00
Third Assistant City Attorney	1,200.00
City Treasurer (treasurer makes no return of interest, to be paid for extra help, subject to the approval of the Council)	1,200.00
Teller, City Treasurer	1,200.00
Cashier, pay wagon	1,200.00
Bookkeeper, City Treasurer	800.00
City Comptroller	3,100.00
Assistant City Comptroller	1,500.00
Assistant City Clerk	1,320.00
Chief Clerk, City Clerk's office	1,320.00
Entry Clerk, City Clerk's office	960.00
City Assessor	2,500.00
Assistants, per day	3.50
Inspector of Buildings	2,000.00
Three assistants at \$1,000 per annum	3,000.00
One assistant (Plumbing Inspector)	1,180.00
Clerk, Inspector of Buildings	600.00
Inspector of Electric Wires	1,500.00
Inspector of Meats	1,500.00
Assistant Inspector of Meats	1,200.00
City Physician	1,500.00
Assistant City Physician	900.00
Thirteen Street Commissioners, at \$900 each	13,700.00
Matron City Hospital	600.00
City Weigher	720.00
Poundmasters, each	500.00
Engineer City Hall	1,000.00
(And \$15.00 per month for electric and steam work.)	
Assistant Engineer City Hall	800.00

CITY OF MINNEAPOLIS.

Fireman	\$ 600.00
Elevator Attendant	720.00
Mayor's Secretary	600.00
Janitor Municipal Court	480.00
Inspector of Street Lights	1,180.00
Janitor City Hall	1,300.00
(And \$200.00 per year for extra help.)	
Watchman steel arch bridge	600.00
Assistant Watchman steel arch bridge	500.00
Watchman Plymouth avenue bridge	500.00
Watchman Twentieth avenue north bridge	500.00
Watchman Franklin avenue bridge	500.00
Watchman Tenth avenue south bridge	500.00
Watchman Washington avenue south bridge	500.00

CITY ENGINEER'S DEPARTMENT.

City Engineer	4,500.00
Assistant City Engineer	1,800.00
Sewer Engineer	1,900.00
Bridge Engineer	2,000.00
Street Engineer	1,500.00
Water Work's Engineer	1,500.00
Draughtsman (Water Works)	840.00
Chief Clerk, per month	115.00
Assessment Clerk, per month	75.00
Assistant Sewer Engineer, per month	95.00
Sewer Department Clerk, per month	75.00
Bookkeeper, per month	100.00
Sidewalk Superintendent, per month	85.00
Transit men, per month	\$90.00 to 115.00
Levelmen, per month	75.00 to 90.00
Draughtsmen, per month	75.00 to 85.00
Rodmen and chainmen, per day	2.25 to 2.50

FIRE DEPARTMENT.

Chief Engineer	3,000.00
First Assistant Chief Engineer	1,800.00
Second Assistant Chief Engineer	1,500.00
Superintendent Fire Alarm	1,680.00
Master Mechanic	1,320.00
Linemen	90.00
Superintendent of Horses	1,380.00
Engineers of Steamers	1,200.00
Captains	1,020.00
Assistant Engineers of Steamers	900.00
Lieutenants	900.00
Pipemen, truckmen and drivers, first class	900.00
Pipemen, truckmen and drivers, second class	840.00
Secretary, per month	80.00
Assistant Secretary, per month	55.00

WATER WORKS DEPARTMENT.

Supervisor Water Works	1,500.00
Registrar Water Works	2,000.00
Cashier	1,000.00
Clerk	900.00
Meter Inspector	840.00
Clerk	780.00
Inspectors	840.00
Street Foremen	1,500.00

SALARIES.

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Hydrantmen.....	\$ 800.00
Engineer, Station No. 1.....	1,000.00
Engineer, Station No. 2.....	1,000.00
Engineer, Station No. 3.....	1,800.00
Two Assistants, each	1,200.00
Oilers.....	840.00

HEALTH DEPARTMENT.

Commissioner of Health.....	2,500.00
Three Medical Inspectors, each.....	1,000.00
Six Sanitary Inspectors, each.....	1,000.00
One Sanitary Inspector and Chief Clerk	900.00
Registrar	600.00
Dump Keepers, per month.....	45.00
Superintendent Quarantine Hospital.....	600.00

WORK HOUSE.

Superintendent.....	1,500.00
Engineer, per month.....	85.00
Assistant Engineer, per month.....	45.00
Hall Master and Bookkeeper, per month.....	45.00
Guards, each per month	45.00
Driver, per month.....	45.00
Night Watchman, per month.....	45.00
Cook, per month.....	60.00
Matron, per month.....	30.00
Deputy Superintendent, per month.....	85.00
Superintendent of Poor.....	1,800.00
Clerk, Superintendent of Poor.....	1,200.00

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ANNUAL REPORT
CITY COMPTROLLER,
1891.

CITY COMPTROLLER'S DEPARTMENT.

OLON ARMSTRONG,
City Comptroller.

JOSHUA ROGERS,
Ass't City Comptroller.

CITY COMPTROLLER'S OFFICE, }
MINNEAPOLIS, Minn., Jan. 8th, 1892. }

To the Honorable City Council, Minneapolis, Minn.

GENTLEMEN:—In compliance with section 16, chapter 3, of the city charter, I herewith submit a statement of the condition of the several funds on January 1st, 1892, and also statements showing receipts and disbursements during the fiscal year, ending December 31st, 1891.

Respectfully submitted,

SOLON ARMSTRONG,

City Comptroller.

STATEMENT IN DETAIL
OF
ESTIMATES AND APPROPRIATIONS

FOR MAINTAINING THE VARIOUS DEPARTMENTS OF THE CITY OF MINNEAPOLIS FOR THE YEAR ENDING DECEMBER 31, 1892.

MINNEAPOLIS, August 28, 1891.

To the Honorable City Council:

GENTLMEN:—In accordance with section 8, chapter 5, of the charter, I herewith submit to your honorable body the estimates as submitted to me by the heads of the various departments of the city for the current expenses of the ensuing fiscal year commencing Jan. 1, 1892, also a statement of the amount of all revenues received by the city for the year ending on the 1st day of September, 1891, from other sources than taxation.

Respectfully submitted,

SOLON ARMSTRONG,

City Comptroller.

The following is the estimate to which reference is made:

GENERAL FUND.

Estimates for maintaining the several departments for the year ending Dec. 31, 1892. Detailed statements herewith:

Fire department.....	\$320,709.00
Police department.....	258,667.00
Street lighting.....	164,418.00
City engineer.....	47,486.00
Salaries of city officials.....	55,380.00
Municipal court.....	16,330.00
City assessor.....	15,000.00
Building Inspector.....	11,400.00
City hall expenses.....	11,150.00
Street opening expense.....	3,000.00
Pounds.....	4,000.00
Roads and bridges.....	4,500.00
Incidentals.....	3,600.00
Printing and stationery.....	15,000.00
Contingent fund.....	10,000.00
Armory association.....	2,500.00
Allowed city treasurer for paying employees on the work, 1891 and 1892.....	2,400.00
Elections.....	25,000.00
Bethany Home.....	3,400.00

\$973,940.00

Health department..... 60,000.00

Total estimates..... \$1,033,940.00

Receipts from all sources other than taxes, for the year ending

Aug. 31, 1891:

Municipal court.....	\$37,343.69
City clerk.....	12,578.15
Licenses.....	301,031.37
Rent.....	2,640.04
Light.....	53.67
Penalties and interest.....	8,577.06
Miscellaneous.....	2,068.11

Total receipts..... \$364,292.09

Amount to be provided for by taxation, general fund..... \$669,647.91

Amount for permanent improvement fund..... 384,000.00

Total for general and permanent improvement funds..... \$1,053,647.91

The department of Charities and Corrections, detailed statement attached 74,652.00

Grand total..... \$1,128,299.91

FROM THE BOARD OF CHARITIES AND CORRECTIONS.

MINNEAPOLIS, August 21, 1891.

To the Honorable City Council:

GENTLEMEN:—In accordance with instructions from the Honorable Board of Charities and Corrections, I herewith respectfully transmit for your consideration a resolution passed by the said board at its adjourned meeting, Aug. 20, 1891.

BE IT RESOLVED BY THE BOARD OF CHARITIES AND CORRECTIONS OF THE CITY OF MINNEAPOLIS:

That the city council of said city be and the said council is hereby respectfully requested to cause to be issued by the city its bonds for the sum of \$25,000.00 as provided by law, to be used by this board in providing a city hospital, and cause the same to be delivered to this board, and that the said council also make such additional appropriation of money as it may seem meet to be devoted by the said board for the same purpose, to-wit: the providing of a hospital for said city.

Respectfully submitted, C. L. SNYDER, *Secretary*.

MINNEAPOLIS, August 20, 1891.

To the Honorable City Council:

GENTLEMEN:—Agreeable to law we hereby submit the following estimates required for the various departments of Charities and Corrections and certify that the amounts as set forth in the following detailed schedules are the amounts required by this board to pay the legitimate expenses of its three departments as below enumerated:

POOR DEPARTMENT.	
Groceries.....	\$9,000.00
Fuel.....	4,000.00
County farm.....	6,000.00
Burials.....	2,000.00
Transportation.....	2,000.00
Bethany home.....	3,500.00
Private hospital.....	3,000.00
Special bills.....	1,800.00
Incidental.....	200.00
Stationery and reports.....	400.00
Salaries.....	2,800.00
Additional clerk hire.....	600.00
Total.....	\$35,100.00
CITY HOSPITAL.	
Salaries.....	\$7,532.00
Groceries and provisions.....	3,100.00
Drugs, medicines, surgical supplies.....	1,500.00
Fuel and light.....	1,325.00
Milk.....	1,200.00
Rent.....	720.00
Dry goods.....	400.00
Incidentals, including hardware, telephone, scavenger service, printing, furniture, improvements.....	900.00
Insurance.....	75.00
Total.....	\$16,752.00
WORK HOUSE.	
Salaries.....	\$11,000.00
Insurance.....	400.00
Fuel and light.....	2,000.00
Clothing and bedding.....	1,000.00
Printing and stationery.....	100.00
Living.....	4,000.00
Tools.....	125.00
Stock, harness and implements.....	800.00
House furnishing.....	1,000.00
Building and repairs.....	1,000.00
Medical expenses.....	175.00
Farm and garden.....	200.00
Miscellaneous expenses.....	1,000.00
Total.....	\$22,800.00

Respectfully submitted. By order of the board,
C. L. SNYDER, *Secretary*.

RESOLUTION.

Fixing the Maximum Amounts to be Expended for Maintaining the Various Departments of the City for the fiscal Year 1892 on Account of the General Fund:

RESOLVED BY THE CITY COUNCIL OF THE CITY OF MINNEAPOLIS.

That the following amounts be and they are hereby fixed and determined as the maximum amount to be expended by the several departments of the city for the fiscal year 1892, on account of the general fund: And be it further resolved, that no portion of any amount herein specified shall be diverted to any other than the purpose designated in this resolution:

FIRE DEPARTMENT.	
Salaries.....	\$237,900.00
Forage.....	14,300.00
Fuel and light.....	9,780.00
10,000 feet hose.....	10,000.00
Two steam fire engines.....	9,000.00
Two hose carriages.....	1,800.00
Fire alarm telegraph.....	5,000.00
Store room supplies (brushes, brooms, waste, linen, sponges, tripoli, whips, wicks, lamp chimneys, soap, harness oil, matches, fuses, etc.).....	2,500.00
Repairs to buildings.....	3,500.00
Twenty-five horses.....	5,625.00
Repair shop supplies (including two lathes, one drill press, one trip hammer, labor, etc.).....	6,000.00
General department running expenses (bedding, furniture, tools, telephone rent, laundry, freight, express, soda, acid, printing, stationery, etc.).....	6,300.00
Total.....	\$311,705.00
POLICE DEPARTMENT.	
Salaries.....	\$225,667.00
Signal service improvements.....	15,000.00
General running expenses.....	12,000.00
Total.....	\$252,667.00
STREET LIGHTING.	
3,100 gas lamps at \$15.63 each per year.....	\$48,453.00
2,500 gasoline lamps at \$14.40 each per year.....	36,000.00
500 electric arc lights, \$148.00 each per year.....	74,000.00
30 incandescent lamps at \$15.50 each per year.....	465.00
Additional lamps.....	5,000.00
Incidentals.....	500.00
Total.....	\$164,418.00
CITY ENGINEER'S DEPARTMENT.	
Salaries.....	\$40,514.00
Stationery and office supplies.....	600.00
Blank books, blanks, maps, plats, plat books and printing.....	2,000.00
Draughtsman's supplies.....	800.00
Instruments and instrument repairs.....	500.00
Livery.....	250.00
Postage.....	300.00
Telephone.....	36.00
Total.....	\$44,500.00
SALARIES OF CITY OFFICERS.	
Mayor.....	\$2,000.00
Aldermen, 26 at \$500.00 each.....	13,000.00
City Attorney.....	4,500.00
First Assistant City Attorney.....	1,500.00
Second Assistant City Attorney.....	1,200.00
Third Assistant City Attorney.....	1,200.00
City Treasurer.....	1,200.00
Teller, city treasurer's office.....	1,200.00
Bookkeeper, city treasurer's office.....	800.00
City Comptroller.....	3,100.00
Assistant City Comptroller.....	1,500.00
City Clerk.....	3,100.00
Assistant City Clerk.....	1,320.00
Chief Clerk, city clerk's office.....	1,320.00
Entry Clerk, city clerk's office.....	960.00
Meat Inspector.....	1,500.00
Assistant Meat Inspector.....	1,200.00
City Weighmaster.....	800.00
City Weigher, city scales.....	720.00
Inspector of Street Lights.....	1,160.00
Mayor's Secretary.....	600.00
Street Commissioners, thirteen at \$900 each.....	11,700.00
Total.....	\$55,380.00

COMPTROLLER'S REPORT.

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MUNICIPAL COURT.

Salaries.....	\$12,280.00
Labor and repairs.....	250.00
Printing and stationery.....	800.00
Rent.....	1,500.00
Fuel and lights.....	300.00
Furniture.....	250.00
Incidentals.....	500.00
Law books.....	150.00
Total.....	\$16,030.00

CITY ASSESSOR'S DEPARTMENT.

Salaries.....	\$8,900.00
Livery.....	350.00
Printing and blank books.....	500.00
Stationery, postage, etc.....	150.00
Sundry expenses.....	600.00
Plats, maps, etc.....	750.00
Board of Equalization.....	750.00
Total.....	\$12,000.00

BUILDING INSPECTOR'S DEPARTMENT.

Salaries—Inspector.....	\$2,000.00
Four Assistant Inspectors, \$1,000.....	4,000.00
One Assistant Inspector.....	1,200.00
One Assistant Inspector.....	1,500.00
Clerk.....	600.00
Printing, maps, books, etc.....	1,300.00
Incidentals.....	800.00
Total.....	\$11,400.00

CITY HALL EXPENSE.

Janitor's salary.....	\$1,300.00
Allowance by Council for extra work.....	200.00
Elevator attendant.....	720.00
Engineer.....	1,000.00
Allowed by Council for electric lighting.....	180.00
Assistant engineer.....	800.00
Fireman.....	450.00
Fuel.....	4,000.00
Repairs and supplies.....	1,500.00
Incidentals.....	1,000.00
Total.....	\$11,150.00

STREET OPENING EXPENSE.

Salaries of commissioners.....	\$2,500.00
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POUNDS.

Salaries of poundmasters, seven at \$500.....	\$3,500.00
Incidentals.....	100.00
Total.....	\$3,600.00

ROADS AND BRIDGES.

Salaries of bridge watchmen, seven at \$500.....	\$3,500.00
Bridge watchmen.....	600.00
Fuel and incidentals.....	100.00
Total.....	\$4,200.00

INCIDENTALS.

Sundries, etc.....	\$3,600.00
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PRINTING AND STATIONERY.

Publishing council proceedings and pamphlets.....	\$8,000.00
Publishing annual reports of city officers.....	2,500.00
Revising charter and ordinances.....	3,000.00
Incidentals [printing and stationery for comptroller, treasurer and clerk].....	7,500.00
Total.....	\$15,000.00

CONTINGENT FUND.

Appropriated by law.....	\$10,000.00
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ARMORY ASSOCIATION.

Appropriated by law for maintaining of armory, etc.....	\$2,500.00
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CITY TREASURER'S DEPARTMENT.

Salary of clerk to pay laborers on work, 1891.....	\$1,200.00
Salary of clerk to pay laborers on work, 1892.....	1,200.00
Total.....	\$2,400.00

CITY OF MINNEAPOLIS.

ELECTIONS.

Estimate for salary of judges, clerks, etc., and ballot boxes, rent, printing and stationery..... \$25,000.00

BETHANY HOME.

Appropriation for year 1891 .. \$1,700.00
Estimate for year 1892 .. 1,700.00

Total..... \$3,400.00

HEALTH DEPARTMENT.

Salary of Commissioner of Health..... \$2,500.00
Salary Medical Inspectors, three at \$1,000..... 3,000.00
Salary Sanitary Inspectors, eight at \$1,000..... 8,000.00
Registrar..... 900.00
Clerk for vital statistics..... 600.00
Dump keepers..... 1,200.00
Quarantine Superintendent..... 600.00
Fuel..... 500.00
Printing, stationery and incidentals..... 1,500.00
Contagious diseases and disinfectants..... 1,000.00
Dead animals..... 1,200.00
Quarantine hospitals..... 1,500.00
Removing waste materials to dumps..... 500.00
Emergency fund..... 2,000.00
Erection and maintenance crematory..... 15,000.00

Total..... \$40,000.00

BOARD OF CHARITIES AND CORRECTIONS—POOR DEPARTMENT.

Groceries..... \$9,000.00
Fuel..... 4,000.00
County farm..... 6,000.00
Burlins..... 2,000.00
Transportation..... 2,000.00
Bethany Home..... 3,400.00
Private hospital..... 3,000.00
Special bills..... 1,600.00
Incidentals..... 200.00
Stationery and reports..... 400.00
Salaries..... 2,800.00
Additional clerk hire..... 600.00

Total..... \$35,100.00

CITY HOSPITAL.

Salaries..... \$7,532.00
Groceries and provisions..... 3,100.00
Drugs, medicines and surgical supplies..... 1,500.00
Fuel and light..... 1,325.00
Milk..... 1,200.00
Rent..... 720.00
Dry goods..... 400.00
Incidentals, including hardware, telephone, scavenger service, printing, furniture and improvements .. 900.00
Insurance..... 75.00

Total..... \$16,752.00

WORK HOUSE.

Salaries..... \$11,000.00
Insurance..... 400.00
Fuel and light..... 2,000.00
Clothing and bedding..... 1,000.00
Printing and stationery..... 100.00
Living..... 4,000.00
Tools..... 125.00
Stock, harness and implements .. 800.00
House furnishings..... 1,000.00
Building and repairs..... 1,000.00
Medical expenses..... 175.00
Farm and garden..... 200.00
Miscellaneous expenses..... 1,000.00

Total..... \$22,800.00

Grand total..... \$1,066,102.00

Passed September 11th, 1891.

E. G. POTTER, President of the Council.

Approved September 17th, 1891.

P. B. WINSTON, Mayor.

Attest: CHAS. F. HANEY, City Clerk.

RECAPITULATION.

Fire department.....	\$311,705.00
Police department.....	252,687.00
Street lighting.....	164,418.00
City engineer.....	44,500.00
Salaries of city officials.....	55,380.00
Municipal court.....	16,030.00
City assessor.....	12,000.00
Building inspector.....	11,400.00
City hall expense.....	11,150.00
Street opening expense.....	2,500.00
Pounds.....	3,600.00
Roads and bridges.....	4,200.00
Incidentals.....	3,600.00
Printing and stationery.....	15,000.00
Contingent fund.....	10,000.00
Armory association.....	2,500.00
City treasurer's department, extra.....	2,400.00
Elections.....	25,000.00
Bethany Home.....	3,400.00
Health department.....	40,000.00
Total for general fund.....	\$891,450.00
Department of Charities and Corrections.....	74,652.00
Grand total.....	\$1,066,102.00

TAXES.

STATEMENT IN DETAIL OF LEVY OF 1891, FOR THE EXPENSES OF 1892.

BOARD OF TAX LEVY.

There is hereby created and constituted in and for the county of Hennepin, a board of tax levy, which shall be composed of the following, to wit:

- Chairman of board of county commissioners.
- County auditor.
- President of board of education of city of Minneapolis.
- President of board of park commissioners.
- Chairman of committee on ways and means, city council.
- Comptroller of city of Minneapolis.
- Mayor of city of Minneapolis.

Which several officers shall be *ex-officio* the members of the said board of tax levy.

Said board shall meet at the office of the county auditor on the second Monday in September, in each year.

Said board shall fix the maximum rate of taxation for the various county and city purposes, and the city council, together with the various boards, may afterwards fix the rate in any sum that shall not exceed the maximum as fixed by the board of tax levy.

MINNEAPOLIS, Sept. 30, 1891.

To the Honorable City Council.

GENTLEMEN:—At a meeting of the board of tax levy of Hennepin county, Minnesota, held Sept. 29, 1891, the following resolution was adopted:

Resolved, That the following rates be fixed as the maximum rates of taxation on each dollar of the valuation of the taxable property in each of the wards as below specified for which the city council of the city of Minneapolis is authorized to levy for the year 1891:

First ward, two mills (2 mills).
 Second ward, one and two tenths mills (1.2 mills).
 Third ward, two mills (2 mills).
 Fourth ward, nine-tenths of one mill (0.9 mill).
 Fifth ward, five-tenths of one mill (0.5 mill).
 Sixth ward, two mills (2 mills).
 Seventh ward, two mills (2 mills).
 Eighth ward, two mills (2 mills).
 Ninth ward, two mills (2 mills).
 Tenth ward, two mills (2 mills).
 Eleventh ward, one and five-tenths mills (1.5 mills).
 Twelfth ward, two mills (2 mills).
 Thirteenth ward, two mills (2 mills).

Respectfully, GEO. E. LEDGERWOOD,
 By H. B. MARCHBANK, *Deputy.* *County Auditor.*

MINNEAPOLIS, Sept. 30, 1891.

To the Honorable City Council.

GENTLEMEN:—At a meeting of the board of tax levy of Hennepin county, Minnesota, held Sept. 29, 1891, the following resolution was adopted:

Resolved, That the maximum ratio of taxation on each dollar of the valuation of the taxable property of the city of Minneapolis be fixed at the following rate for the purposes named below, for which the city council of said city is authorized to levy taxes for the year 1891, to wit:

For the general fund, four and five-tenths mills (4.5 mills).
 For interest on bonded debt, two and five-tenths mills (2.5 mills).
 For sinking fund, one mill (1 mill).
 For permanent improvement fund, two mills (2 mills.)

Respectfully, GEO. E. LEDGERWOOD,
 By H. B. MARCHBANK, *Deputy.* *County Auditor.*

MINNEAPOLIS, Sept. 30, 1891.

To the Honorable City Council.

GENTLEMEN:—At a meeting of the board of tax levy of Hennepin county, Minnesota, held Sept. 29, 1891, the following resolution was adopted:

Resolved, That the maximum rate of taxation on each dollar of valuation of the taxable property of the city of Minneapolis be fixed at six-tenths of one mill (0.6 mill), for all purposes for which the board of corrections and charities of said city are authorized to levy taxes for the year 1891.

Respectfully, GEO. E. LEDGERWOOD,
 By H. B. MARCHBANK, *Deputy.* *County Auditor.*

RESOLUTION

FIXING THE TAX LEVY OF 1891 FOR 1892, FOR THE SEVERAL WARDS OF THE CITY OF MINNEAPOLIS.

Resolved, By the city council of the city of Minneapolis: That the following taxes are hereby levied and assessed upon the real and personal property of the several wards of the city of Minneapolis, as follows:

First ward, street fund.....	\$6,738.12
Second ward, street fund.....	9,953.05
Third ward, street fund.....	27,361.76
Fourth ward, street fund.....	36,408.00
Fifth ward, street fund.....	13,804.03
Sixth ward, street fund.....	9,191.93
Seventh ward, street fund.....	10,768.87
Eighth ward, street fund.....	24,907.24
Ninth ward, street fund.....	10,713.33
Tenth ward, street fund.....	8,305.46
Eleventh ward, street fund.....	6,884.86
Twelfth ward, street fund.....	6,045.52
Thirteenth ward, street fund.....	9,462.00

Total..... \$182,614.95

Passed Oct. 9, 1891. E. G. POTTER, *President of the Council*.

Approved Oct. 12, 1891. E. G. POTTER, *Acting Mayor*.

Attest: F. M. CLARK, *Assistant City Clerk*.

RESOLUTION

FIXING THE TAX LEVY OF 1891 FOR 1892, ON ACCOUNT OF THE SEVERAL FUNDS.

Resolved, By the city council of the city of Minneapolis: That the following taxes be and hereby are levied and assessed upon the real and personal property of the city of Minneapolis for the year 1891, to-wit:

General fund.....	\$624,248.09
Permanent improvement fund.....	277,443.50
Interest fund.....	346,844.40
Sinking fund.....	138,721.79

Total..... \$1,387,217.96

Passed Oct. 9, 1891. E. G. POTTER, *President of the Council*.

Approved Oct. 12, 1891. E. G. POTTER, *Acting Mayor*.

Attest: F. M. CLARK, *Assistant City Clerk*.

RESOLUTION

FIXING THE TAX LEVY OF 1891 FOR 1892, ON ACCOUNT OF THE BOARD OF CHARITIES AND CORRECTIONS.

Resolved, By the city council of the city of Minneapolis: That the following taxes be and hereby are assessed upon the real and personal property of the city of Minneapolis, for the year 1891, on account of the board of charities and corrections.

Board of charities and corrections.....	\$83,233.07
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Passed Oct. 9, 1891. E. G. POTTER, *President of the Council*.

Approved Oct. 12, 1891. E. G. POTTER, *Acting Mayor*.

Attest: F. M. CLARK, *Assistant City Clerk*.

Valuation of Real and Personal Property by Wards for 1891.

First ward.....	\$4,366,850
Second ward.....	8,296,140
Third ward.....	13,664,289
Fourth ward.....	40,328,108
Fifth ward.....	27,663,236
Sixth ward.....	4,596,896
Seventh ward.....	4,666,355
Eighth ward.....	12,496,008
Ninth ward.....	5,376,341
Tenth ward.....	4,152,060
Eleventh ward.....	4,582,326
Twelfth ward.....	3,556,508
Thirteenth ward.....	4,728,585

Total valuation..... \$138,444,562

STATEMENT IN DETAIL.
OF THE
BONDED DEBT, \$7,540,500.

OF THE CITY OF MINNEAPOLIS, MINN., JANUARY 1st, 1892.

BOND LIMIT.

The City of Minneapolis is restricted in all legislative acts authorizing the issue and sale of bonds, and is required to keep within the following limit:

"From the total issue of all city bonds shall be deducted the total amount of funds and securities in the sinking fund, and this balance shall not exceed five (5) per centum of the aggregate value of the taxable property of the city as assessed and determined for the purpose of taxation."

DATE.	Issued for -	Numbers.	Each bond.	Time yr's.	Rate of interest.	When due.	Total.
July 30, 1872	School, E. D.....	82- 83-	1,000 500	20 10		July 30, 1892	\$1,500
Aug. 1, 1873	" W. D.....	1- 84-	1,000 200	19 8		Aug. 1, 1892	6,000
Aug. 15, 1872	" E. D.....	85- 86-	300 1,000	20 10		Aug. 15, 1892	1,500
Aug. 26, 1872	" E. D.....	87- 88-	1,000 500	20 10		Aug. 26, 1892	1,500
Sept. 24, 1872	" E. D.....	89- 90-	1,000 500	20 10		Sept. 24, 1892	2,500
Nov. 1, 1872	" E. D.....	91- 92-	1,000 96	20 10		Nov. 1, 1892	5,000
April 1, 1881	"	401- 512	1,000	12 5		April 1, 1893	22,000
July 1, 1870	"	451- 490	1,000	20 6		July 1, 1890	40,000
July 1, 1885	"	1,004-1,083	1,000	30 4		July 1, 1915	80,000
Oct. 15, 1887	"	3,030-3,088	1,000	30 4		Oct. 15, 1917	50,000
May 15, 1889	"	4,504-4,628	1,000	30 4		May 15, 1919	125,000
Oct. 15, 1889	"	4,904-4,978	1,000	30 4		Oct. 15, 1919	75,000
Jan. 15, 1890	"	5,084-5,133	1,000	30 4		July 15, 1920	50,000
Oct. 2, 1882	School dist. No. 1.....	1- 5	1,000	10 7		Oct. 2, 1892	1,000
Oct. 14, 1882	" " 5.....	1- 5	1,000	10 5		Oct. 14, 1892	5,000
Nov. 1, 1882	" " 5.....	6- 8	5,000	10 5		Nov. 1, 1892	5,000
Nov. 2, 1882	" " 5.....	7- 8	5,000	10 5		Nov. 2, 1892	10,000
May 1, 1882	" " 9.....	16- 18	1,000	10 5 1/2		May 1, 1892	1,000
May 1, 1882	" " 9.....	17- 18	1,000	10 5 1/2		May 1, 1892	2,000
April 19, 1882	" " 93.....	1- 5	5,000	10 5		April 19, 1892	25,000
Oct. 16, 1882	" " 93.....	6- 6	3,500	10 5		Oct. 15, 1892	3,500
							\$512,500
June 13, 1890	Fire department.....	5,184-5,198	1,000	30 4		June 13, 1920	\$15,000
June 30, 1883	Parks.....	1- 300	\$1,000	30 4 1/2		June 30, 1913	\$200,000
Jan. 1, 1884	"	201- 300	1,000	30 4 1/2		Jan. 1, 1914	100,000
July 1, 1884	"	301- 425	1,000	30 4 1/2		July 1, 1914	125,000
July 1, 1884	"	426- 455	1,000	30 4 1/2		July 1, 1914	30,000
July 1, 1884	"	466- 523	1,000	30 4 1/2		July 1, 1914	68,000
May 1, 1889	"	524- 623	1,000	30 4		May 1, 1919	100,000
Nov. 1, 1889	"	624- 698	1,000	30 4		Nov. 1, 1919	75,000
Jan. 1, 1891	"	699- 748	1,000	30 4		Jan. 1, 1921	50,000
							\$748,000
Feb. 2, 1874	Old city hall.....	1- 100	500	20 8		Feb. 2, 1894	\$50,000
July 1, 1887	New " and court h'se	1- 25	1,000	30 4 1/2		July 1, 1917	25,000
July 1, 1887	" " " "	26- 50	1,000	30 4 1/2		July 1, 1917	25,000
July 1, 1887	" " " "	51- 250	1,000	30 4 1/2		July 1, 1917	260,000
Jan. 1, 1890	" " " "	251- 350	1,000	30 4		Jan. 1, 1920	100,000
Jan. 1, 1890	" " " "	351- 450	1,000	30 4		Jan. 1, 1920	100,000
July 1, 1891	" " " "	451- 700	1,000	30 4 1/2		July 1, 1921	250,000
							\$750,000

COMPTROLLER'S REPORT.

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DATE.	Issued for—	Numbers.	Each bond.	Time yrs.	Rate of interest.	When due.	Total.
Dec. 1, 1885	Library fund.....	2,084-2,153	1,000	30	4½	Dec. 1, 1915	\$80,000
Dec. 15, 1886	" "	2,300-2,348	1,000	30	4	Dec. 15, 1916	40,000
							<u>\$100,000</u>
Feb. 2, 1874	Water works.....	151- 270	500	25	8	Feb. 2, 1899	\$80,000
July 1, 1872	" "	111- 150	1,000	30	7	July 1, 1902	40,000
July 1, 1870	" "	1- 50	500	30	8	July 1, 1900	25,000
April 1, 1882	" "	604- 728	1,000	20	4½	April 1, 1902	125,000
July 2, 1883	" "	1,104-1,363	1,000	30	4½	July 2, 1913	280,000
May 1, 1885	" "	1,604-1,633	1,000	30	4½	May 1, 1915	30,000
July 15, 1886	" "	2,154-2,273	1,000	30	4	July 15, 1916	120,000
April 1, 1887	" "	3,200-3,538	1,000	30	4	April 1, 1917	330,000
Aug. 1, 1888	" "	3,730-3,908	1,000	30	4	Aug. 1, 1918	170,000
Jan. 15, 1890	" "	5,034-5,083	1,000	30	4	Jan. 15, 1920	50,000
							<u>\$1,230,000</u>
April 1, 1887	Permanent Imp. rev. fund	3,009-3,158	1,000	30	4	April 1, 1917	\$150,000
Aug. 1, 1888	" " " "	3,900-4,063	1,000	30	4	Aug. 1, 1918	155,000
Dec. 15, 1888	" " " "	4,154-4,203	1,000	30	4	Dec. 15, 1918	50,000
Feb. 1, 1889	" " " "	4,204-4,303	1,000	30	4	Feb. 1, 1919	100,000
May 15, 1889	" " " "	4,754-4,803	1,000	30	4	May 15, 1919	50,000
Jan. 15, 1890	" " " "	5,134-5,183	1,000	30	4	Jan. 15, 1920	50,000
Nov. 1, 1890	" " " "	5,199-5,398	1,000	30	4	Nov. 1, 1920	200,000
July 1, 1891	" " " "	5,899-5,943	1,000	30	4½	July 1, 1921	245,000
							<u>\$1,000,000</u>
Mar. 1, 1884	Viaducts and R. R. Cros'g	1,504-1,555	1,000	30	4½	Mar. 1, 1914	\$52,000
Mar. 15, 1884	" " " "	1,556-1,673	1,000	30	4½	Mar. 15, 1914	48,000
July 1, 1872	General purposes Imp.....	1- 20	1,000	30	7	July 1, 1902	20,000
							<u>\$120,000</u>
Dec. 2, 1872	Bridges over Mississippi..	1- 250	1,000	20	8	Dec. 2, 1892	\$250,000
Feb. 2, 1874	" " " "	251- 270	1,000	20	8	Feb. 2, 1894	20,000
May 1, 1875	" " " "	271- 320	1,000	30	8	May 1, 1905	50,000
Feb. 15, 1887	" " " "	2,340-2,738	1,000	30	4	Feb. 15, 1917	300,000
July 1, 1885	" " " "	1,984-2,093	1,000	30	4	July 1, 1915	110,000
April 1, 1882	" " " "	729- 804	1,000	20	4½	April 1, 1902	78,000
Mar. 15, 1889	" " " "	4,304-4,333	1,000	30	4	Mar. 15, 1919	30,000
							<u>\$926,000</u>
July 1, 1871	Sewers.....	1- 25	1,000	25	7	July 1, 1896	\$25,000
July 1, 1872	" "	26- 50	1,000	30	7	July 1, 1902	25,000
July 1, 1870	" "	51- 80	500	30	8	July 1, 1900	15,000
July 1, 1881	" " main sewers.....	514- 563	1,000	25	4½	July 1, 1906	50,000
Aug. 1, 1888	" "	4,064-4,153	1,000	30	4	Aug. 1, 1919	90,000
							<u>\$205,000</u>
July 1, 1881	Permanent Improve'm'ts	584- 603	1,000	27	4½	July 1, 1908	\$40,000
April 1, 1882	" "	805- 909	1,000	20	4½	April 1, 1902	165,000
April 2, 1883	" "	970-1,103	1,000	30	4½	April 2, 1913	134,000
July 2, 1883	" "	1,384-1,428	1,000	30	4½	July 2, 1913	45,000
Mar. 15, 1884	" "	1,429-1,503	1,000	30	4½	Mar. 15, 1914	75,000
May 1, 1885	" "	1,634-1,903	1,000	30	4½	May 1, 1915	270,000
July 15, 1886	" "	2,274-2,308	1,000	30	4	July 15, 1916	35,000
April 1, 1887	" "	2,739-3,008	1,000	30	4	April 1, 1917	270,000
April 1, 1887	" "	3,150-3,208	1,000	30	4	April 1, 1917	50,000
Aug. 15, 1887	" "	3,539-3,638	1,000	30	4	Aug. 15, 1917	100,000
Dec. 1, 1887	" "	3,689-3,738	1,000	30	4	Dec. 1, 1917	50,000
Mar. 15, 1889	" "	4,334-4,503	1,000	30	4	Mar. 15, 1919	170,000
May 15, 1889	" "	4,629-4,753	1,000	30	4	May 15, 1919	125,000
June 30, 1889	" "	4,804-4,903	1,000	30	4	June 30, 1919	100,000
Jan. 15, 1890	" "	4,970-5,033	1,000	30	4	Jan. 15, 1920	55,000
							<u>\$1,684,000</u>
Sept. 1, 1877	Ry. Aid, M. & St. L. Ry. Co	251- 281	1,000	20	7	Sept. 1, 1897	\$31,000
Nov. 15, 1877	" " " "	282- 350	1,000	20	7	Nov. 15, 1897	94,000
Nov. 1, 1871	" " " "	351- 400	500	30	7	Nov. 1, 1901	125,000
		1- 250	500	30	7		<u>\$250,000</u>

Recapitulation of the bonded indebtedness of the city of Minneapolis,
January 1, 1892, showing the aggregate sum issued for different purposes.

School bonds.....	\$512,500
Fire department bonds.....	15,000
Old city hall bonds.....	50,000
New court house and city hall bonds.....	700,000
Library board bonds.....	100,000
Water works bonds.....	1,240,000
Permanent improvement revolving bonds.....	1,000,000
Viaducts and railroad crossings.....	100,000
General purposes, Improvements.....	20,000
Bridges over the Mississippi river.....	926,000
Sewers and tunnel bonds.....	205,000
Permanent Improvement bonds.....	1,684,000
Railway aid, Minneapolis and St. Louis R'y Co.....	250,000
City park bonds.....	748,000
Total.....	\$7,540,500

Recapitulation of the bonded indebtedness of the city of Minneapolis,
January 1, 1892, showing the aggregate amount maturing each year.

Amount of bonds that mature in 1892.....	\$320,500
Amount of bonds that mature in 1893.....	22,000
Amount of bonds that mature in 1894.....	70,000
Amount of bonds that mature in 1895.....	25,000
Amount of bonds that mature in 1897.....	125,000
Amount of bonds that mature in 1898.....	100,000
Amount of bonds that mature in 1900.....	40,000
Amount of bonds that mature in 1901.....	125,000
Amount of bonds that mature in 1902.....	85,000
Amount of bonds that mature in 1902 or 1912.....	364,000
Amount of bonds that mature in 1905.....	50,000
Amount of bonds that mature in 1906.....	50,000
Amount of bonds that mature in 1908.....	40,000
Amount of bonds that mature in 1913.....	659,000
Amount of bonds that mature in 1914.....	498,000
Amount of bonds that mature in 1915.....	550,000
Amount of bonds that mature in 1916.....	195,000
Amount of bonds that mature in 1917.....	1,640,000
Amount of bonds that mature in 1918.....	465,000
Amount of bonds that mature in 1919.....	950,000
Amount of bonds that mature in 1920.....	620,000
Amount of bonds that mature in 1921.....	545,000
Total.....	\$7,540,500

Recapitulation of the bonded debt of the city of Minneapolis, January
1st, 1892, showing the total amount issued at the different rates of in-
terest.

4 Per cent., payable semi-annually.....	\$3,860,000
4½ Per cent., payable semi-annually.....	2,718,000
5 Per cent., payable semi-annually.....	70,500
5½ Per cent., payable semi-annually.....	8,000
6 Per cent., payable semi-annually.....	40,000
7 Per cent., payable semi-annually.....	361,000
8 Per cent., payable semi-annually.....	476,000
10 Per cent., payable semi-annually.....	12,000
Total.....	\$7,540,500

SINKING FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

A tax of one mill shall be levied upon the assessed valuation of the city for the purpose of creating a fund for the redemption of the bonds or debt of the city as they become due.

REVENUE FOR 1892.

Tax levied 1891 for 1892..... \$138,444.56

SINKING FUND.

Provided by an act of the legislature of the state of Minnesota for the redemption of the bonds or debt of the city of Minneapolis. Chapter 5, sections 13 and 14, city charter.

SECTION 13. The city council shall also at the same time levy upon all the taxable property in said city, such taxes as shall be sufficient to pay the interest to become due during such next fiscal year upon all the bonds or debt of said city, and an additional tax of one mill on a dollar of the assessed valuation of all such taxable property, to provide for the principal of said bonds or debt, when the same shall have become due, and the amounts collected pursuant to this section shall not be applied to any other purpose than herein named; but this restriction shall not prohibit the investment of this sinking fund hereinafter provided for.

SEC. 14. In order to provide for the certain payment of the bonds and debts of the city, the city council is authorized to maintain the sinking fund already established, and to provide by ordinance for the care, investment and security thereof, and from time to time to amend such ordinances in such manner as may be necessary or expedient, but shall have no authority to abolish such sinking fund until all the debts of the city are fully paid, nor shall it divert said fund or any revenue or increase thereof to any other purpose.

The substantial maintenance of the provisions of this and the preceding section, for the payment of the principal and interest of the bonds or debt of said city, is hereby declared to be part of the contract with the holder of any bonds of the city that may hereafter be issued and shall be kept inviolate.

An Act of the Legislature of the State of Minnesota Creating a Board of Sinking Fund Commissioners:

SECTION 1. That the mayor, comptroller and treasurer of the city of Minneapolis, and their successors in office, be and hereby are appointed a board of sinking fund commissioners, for the purpose of taking charge of, controlling and directing the investment and disbursement of the sinking funds appropriated or hereafter to be appropriated to the extinguishment of the debt of said city or either of the divisions thereof.

BOARD OF SINKING FUND COMMISSIONERS.

P. B. WINSTON, Chairman.
K. KORTGAARD, Treasurer.
SOLON ARMSTRONG, Comptroller.

CREDITS.

1891.		
Jan. 1.	By credit balance brought forward.....	\$659,733.09
	TAXES.	
	Amount collected by county treasurer to Feb. 28, 1891.	\$ 23,195.62
	Amount collected by county treasurer to May 31, 1891.	102,030.64
	Amount collected by county treasurer to July 31, 1891.	826.26
	Amount collected by county treasurer to Aug. 31, 1891.	418.30
	Amount collected by county treasurer to Sept. 30, 1891.	431.33
	Amount collected by county treasurer to Oct. 31, 1891.	2,332.43
	Amount collected by county treasurer to Nov. 30, 1891.	522.66
	Total.....	\$129,757.24
	PENALTIES AND INTEREST.	
	Amount collected by county treasurer to Oct. 31, 1890.	488.53
	Amount collected by county treasurer to Feb. 28, 1891.	621.26
	Amount collected by county treasurer to May 31, 1891.	758.20
	Amount collected by county treasurer to Oct. 31, 1891.	1,063.77
	Total.....	\$2,951.76
	INTEREST.	
	Coupons paid on city bonds in hands of board of sinking fund commissioners.....	\$24,187.50
	Total credits.....	\$816,629.59

DEBITS.

1891.		
Feb. 1.	To paid bonds Nos. 1 to 110 inclusive, \$500 each, issued Feb. 1, 1871, due Feb. 1, 1891.....	\$55,000.00
May 17.	To paid bond No. 1, issued May 17, 1881, due May 17, 1891, issued by school district No. 121.....	2,000.00
July 1.	To paid bonds Nos. 1 to 7, issued July 1, 1871, due July 1, 1891, \$1,000 each, issued by schools W. D.....	7,000.00
Aug. 1.	To paid bonds Nos. 1 to 6, issued Aug. 1, 1873, due Aug. 1, 1891, \$1,000 each, issued by schools W. D.....	6,000.00
Aug. 2.	To paid bonds Nos. 1 to 15, issued Aug. 2, 1881, due Aug. 2, 1891, \$1,000 each, issued by school dist. No. 9.	15,000.00
	Total.....	\$ 85,000.00
	Credit balance carried forward.....	731,629.59
	Total.....	\$816,629.59
1892.		
Jan. 1.	By credit balance brought forward.....	\$731,629.59

SECURITIES IN THE SINKING FUND.

BONDS OF THE CITY OF MINNEAPOLIS.

Bonds Nos. 1535-1555 inclusive, 4½ per cent. interest.....	\$21,000.00
Bonds Nos. 491-512 inclusive, 5 per cent. interest.....	22,000.00
Bonds Nos. 1504-1534 inclusive, 4½ per cent. interest.....	31,000.00
Bonds Nos. 1556-1603 inclusive, 4½ per cent. interest.....	48,000.00
Bonds Nos. 1174-1206 inclusive, 4½ per cent. interest.....	35,000.00
Bonds Nos. 1984-2043 inclusive, 4 per cent. interest.....	60,000.00
Bonds Nos. 3539-3638 inclusive, 4 per cent. interest.....	100 0'0.00
Bonds Nos. 4054-4153 inclusive, 4 per cent. interest.....	100,000.00
Bonds Nos. 5184-5198 inclusive, 4 per cent. interest.....	15,000.00
Bonds Nos. 5199-5398 inclusive, 4 per cent. interest.....	200,000.00
	\$632,000.00
Bills receivable of board of education of the city of Minneapolis, due June 30, 1892.....	87,741.00
Cash in hands of K. Kortgaard, treasurer.....	11,888.59
Total.....	\$731,629.59

GENERAL FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

A tax not to exceed 6-10 of 1 per cent. shall annually be levied upon all the taxable property of the city, which amount in addition to the other revenue of the city, such as licenses, fines, rents, etc., and applicable thereto shall be sufficient to defray the current running expenses of the city for the next fiscal year, not including the expense of the various boards and the expense of the several wards which are assessed separately.

REVENUE FOR 1892.

Tax levied 1891 for 1892. 4 6-10 mills.....	\$623,000.52
Licenses, fines, fees, rents, etc., estimated.....	364,292.00

1891.

CREDITS.

January 1. By credit balance brought forward.....	\$97,770.57
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TAXES.

Amount collected by county treasurer to Feb. 28, 1891.....	\$100,105.46
Amount collected by county treasurer to May 31, 1891....	430,568.19
Amount collected by county treasurer to July 31, 1891....	3,470.26
Amount collected by county treasurer to Aug. 31, 1891.....	1,756.87
Amount collected by county treasurer to Sept. 30, 1891....	1,811.58
Amount collected by county treasurer to Oct. 31, 1891.....	10,793.72
Amount collected by county treasurer to Nov. 30, 1891....	2,195.16
Total.....	\$550,701.24

PENALTIES AND INTEREST.

Amount collected by county treasurer to Oct. 31, 1890.....	\$2,286.73
Amount collected by county treasurer to Feb. 28, 1891....	2,808.48
Amount collected by county treasurer to May 31, 1891....	3,481.85
Amount collected by county treasurer to Oct. 31, 1891....	2,674.86
Total.....	\$11,251.92

LICENSES.

274 liquor licenses, \$1.000 per annum.....	\$274,000.00
Special privileges granted by His Honor the Mayor.....	708.33
James Vasey, bal liquor licenses for the year of 1890.....	600.00
141 two-horse express, for 12 months, \$5.00 per annum.....	705.00
17 two-horse express, for 9 months, \$5.00 per annum.....	83.75
8 two-horse express, for 6 months, \$5.00 per annum.....	20.00
6 two-horse express, for 3 months, \$5.00 per annum.....	7.50
153 one-horse express, for 12 months, \$2.50 per annum.....	382.50
12 one-horse express, for 9 months, \$2.50 per annum.....	22.56
14 one-horse express, for 6 months, \$2.50 per annum.....	17.50
13 one-horse express, for 3 months, \$2.50 per annum.....	8.19
51 two-horse hacks, for 12 months, \$10.00 per annum.....	510.00
6 two-horse hacks, for 9 months, \$10.00 per annum.....	45.00
2 two-horse hacks, for 6 months, \$10.00 per annum.....	10.00
2 two-horse hacks, for 3 months, \$10.00 per annum.....	5.00
23 one-horse cab, for 12 months, \$5.00 per annum.....	115.00
3 one-horse cab, for 9 months, \$5.00 per annum.....	11.25
1 one-horse cab, for 3 months, \$5.00 per annum.....	1.25
190 billiard and pool tables, 12 months, \$5.00 per annum.....	950.00
16 billiard and pool tables, 6 months, \$5.00 per annum.....	40.00
13 push cart peddlers, 12 months, \$50.00 per annum.....	650.00
1 push cart peddler, 6 months, \$50.00 per annum.....	25.00
46 wagon peddlers, 12 months, \$75.00 per annum.....	3,450.00
91 foot peddlers, 12 months, \$10.00 per annum.....	910.00
32 foot peddlers, 6 months, \$10.00 per annum.....	160.00
47 second-hand dealers, 12 months, \$25.00 per annum.....	1,175.00
4 second-hand dealers, 6 months, \$25.00 per annum.....	50.00
45 junk peddlers, 6 months, \$10.00 per annum.....	225.00
8 auctioneers, 12 months, \$200 per annum.....	1,600.00
2 auctioneers, 6 months, \$200 per annum.....	200.00
3 shooting galleries, 12 months, \$25.00 per annum.....	75.00
5 theatres, 12 months, \$250 per annum.....	1,500.00
1 circus menagerie, one day special.....	600.00
17 employment agencies, \$100 per annum.....	1,700.00
16 scavengers, 12 months, \$25.00 per annum.....	400.00
1 scavenger, 2 months, \$25.00 per annum.....	4.17
69 days special amusements, \$5.00 per day.....	345.00
3 days special amusement, \$25.00 per day.....	75.00
10 hotel runners, 12 months, \$25.00 per annum.....	250.00
6 hotel runners, 6 months, \$25.00 per annum.....	75.00
17 pawnbrokers, 12 months, \$100 per annum.....	1,700.00
4 pawnbrokers, 6 months, \$100 per annum.....	200.00
1 ten pin alley, 12 months, \$25.00 per annum.....	25.00
Total.....	\$293,617.00

CITY OF MINNEAPOLIS.

CITY CLERK.		
Collected for fees, etc., from Jan. 1, 1891, to Dec. 31, 1891.....	\$0.888 05	
Recording births and deaths.....	1,441.75	
Total.....		\$11,339.80
MUNICIPAL COURT.		
Collected for fines, fees, etc., from Jan. 1, 1891, to Dec. 31, 1891.....		\$38,889.96
CITY SCALES.		
Collected for weighing fees from Jan. 1, 1891, to Dec. 31, 1891.....		\$296.90
IMPOUNDING.		
Collected per pound masters, for feeding, fees, etc., from January 1, 1891, to December 31, 1891.....		\$440.95
Monthly reports of items making the foregoing amounts are on file in the office of the city clerk.		
CITY ENGINEERS PERMITS.		
Plumbers permits for street repairs from January 1, 1891, to December 31, 1891.....	\$5,080.21	
Minneapolis street railway for street repairs.....	5,117.74	
Minnesota brush electric company, conduits.....	500.00	
Total.....		\$10,697.95
RENTS.		
Western Union Telegraph Co., from January 1, 1891, to Dec. 31, 1891, 12 months, 166.67 per month.....	\$2,000.04	
Flour City Transfer Co., from January 1, 1891, to October 21, 1891, 9 21-30 months, \$40.00 per month.....	383.05	
Total.....		\$2,383.09
MISCELLANEOUS.		
A. H. Runge, chief engineer fire department, sale of horses.....	\$560.50	
Sale of Hydrants.....	49.51	
H. G. Shepherd & Sons' discount on invoice.....	2.25	
Repairing.....	22.86	
Total.....		\$635.12
Robert D. Russell, city attorney, costs sundry suits.....	119.05	
C. L. Snyder, Supt. poor, refunded.....	344.75	
John West, Supt. work house, collections.....	62.70	
E. S. Kelley, M. D., commissioner of health, collections.....	118.43	
Sale of scrap iron and cloth.....	15.35	
Error in drawing warrant.....	1.45	
Ness & Allen, cost in suit.....	11.00	
City treasurer, unclaimed on pay rolls to Dec. 31.....	210.31	
Total credits.....		\$1,018,912.55

DISBURSEMENTS.

FIRE DEPARTMENT EXPENSE.		
Salaries.....	\$208,161.54	
Horseshoeing and feed.....	13,393.98	
Fuel and lights.....	7,859.32	
Repairs to apparatus and buildings.....	5,377.82	
Fire alarm telegraph.....	2,996.68	
Store room supplies.....	804.96	
102 rubber coats.....	345.00	
2 fire engines.....	8,700.00	
23 horses.....	4,700.00	
3 paragon heaters.....	450.00	
63 fireman's caps.....	315.70	
11,274 feet hose, various size.....	9,017.50	
2 ladders.....	230.00	
10 nozzles, various size.....	549.50	
23 telephone instruments and microphones.....	322.00	
1 water tower.....	4,500.00	
2 wagons, exercising.....	110.00	
Electric light fixtures, 6 houses.....	230.88	
Miscellaneous supplies.....	2,344.54	
All other expenses.....	3,631.48	
Total.....		\$274,120.90
POLICE DEPARTMENT EXPENSE.		
Salaries.....	\$217,741.19	
Signal service.....	5,374.52	
Horse, buggy and harness, clubs, caps, belts, etc.....	1,800.96	
Fuel.....	1,519.14	
Lights.....	1,061.62	
Maintaining three patrol wagons.....	1,163.74	
Meals to prisoners at station houses.....	731.75	
Rent, second and third precincts.....	717.25	
Printing and stationery.....	655.98	
White judgment.....	500.00	
Insurance.....	431.00	
Telephone service.....	327.50	
Ice.....	169.15	
Telegrams.....	162.73	
Harvest festival expense.....	123.65	
All other expenses.....	2,192.63	
Total.....		\$234,661.71

WORKHOUSE EXPENSE—SIX MONTHS.

Insurance.....	\$315.00	
Printing and stationery.....	19 18	
Tools.....	17 40	
Salaries.....	5,408.88	
Fuel and lights.....	1,531.05	
Incidentals.....	556.02	
Repairs to buildings.....	289.27	
Bedding and clothing.....	723 26	
Living expense.....	2,057.30	
Medical expense.....	70.87	
Farm and garden expense.....	190.26	
Harness and implements.....	23.90	
Horse feed.....	516.08	
House furnishing.....	157.56	
Transfer to the dept of charities and corrections, unexpended balance of 1891 appropriation.....	10,014.57	
Total.....		\$21,900.00

CITY ENGINEER'S DEPARTMENT EXPENSE

Salaries, employes.....	\$42,153.47	
Salaries, special tax expense.....	529 80	
Postage.....	79.00	
Instruments, repairs instruments and tools.....	191.45	
Hardware and tools.....	136.87	
Telephone service.....	33.00	
Livery.....	6 75	
Blank books, stationery and blanks.....	1,283.47	
Exchange of type writer.....	25.75	
Incidentals.....	23.50	
Total.....		\$44,463.46

HEALTH DEPARTMENT EXPENSE

Salaries.....	\$13,653.13	
Drugs and disinfectants.....	332.14	
Vaccine virus.....	15.00	
Postage.....	67.06	
Hardware and blacksmithing.....	17.58	
Books, stationery and printing.....	805 22	
Telephone service, telegrams and express.....	75.00	
Scavenger services.....	1,268.10	
Maintaining dumps.....	319.09	
Incidentals.....	623.92	

Quarantine Hospital Expense.

Salaries.....	\$698.50	
Drugs and disinfectants.....	29.11	
Provisions.....	337.61	
Fuel and incidentals.....	964.27	
Total.....		\$19,316.63

CITY HOSPITAL EXPENSE, 6 MONTHS.

Salaries.....	\$1,648.00	
Wines and liquors.....	170.80	
Printing and stationery.....	24.60	
Drugs.....	619.73	
Surgical implements and appliances.....	172.18	
Groceries and provisions.....	1,089 30	
Meats.....	385.41	
Flour.....	134.60	
Fuel and light.....	652.75	
Rent, 6 months.....	360.00	
Telephone and Am. Dist. Telegraph service.....	38.00	
Scavenger services.....	33.02	
Furniture and fixtures.....	13.90	
Milk.....	507.92	
Dry goods.....	258.17	
Repairs to building.....	157.61	
Incidentals.....	219.32	
Transferred to the department of charities and corrections unexpended balance of 1891 appropriation.....	5,533.80	
Total.....		\$12,000.00

POOR DEPARTMENT EXPENSE, 6 MONTHS.

Salaries.....	\$1,491.66	
Groceries.....	3,209.85	
Fuel.....	2,056.96	
Hennepin county poor farm, care of poor.....	2,745 16	
Hospital, care of sick.....	3,896.19	
Conveyances.....	346.50	
Burials.....	849.00	
Transportation.....	591.80	
C. L. Snyder, superintendent, incidentals.....	241.61	
Sundry supplies.....	182.76	
Medicines.....	139.59	
Telephone service.....	42.00	
Printing and stationery.....	27.35	
Transferred to the department of charities and corrections unexpended balance of 1891 appropriation.....	16,481.09	
Total.....		\$32,300.00

INCIDENTALS.*Mayor's Office.*

Livery	\$12 00
Miscellaneous.....	5.88

City Comptroller's Office.

License badges.....	168.75
Rubber stamps.....	19.85
Postage	15.00
Miscellaneous.....	10.85

City Treasurer's Office.

Commissions paid to National Park Bank and Blair & Co., New York city.....	683.23
Postage.....	19.85
Rubber stamps.....	2.90
Cleaning vault lock and changing combination..	21.00
Check perforator.....	30.00
Telephone service.....	36.00
Miscellaneous.....	25.38

City Clerk's Office.

Dog tags	115.00
Telephone service	38.00
Postage stamps and express charges	14.48
Repairing city seal.....	22.25
Miscellaneous.....	43.52

City Weigher's Office.

Repairing and cleaning weights.....	89.50
Steel stamp and weights	6.09
Miscellaneous.....	19.85

Miscellaneous.

Thad. S. Dickey, checking books.....	250.00
Twenty-five copies of city directory.....	125.00
Ice bills, ice water fountains, 1891.....	283.65
Special sidewalk inspector's salary.....	239.04
Certified copies of special laws.....	34.15
Street signs.....	20.40
Killing dogs, season 1891.....	453.00
Moving lamp posts.....	136.00
Towel service.....	40.50
Delivering city bonds in New York city.....	137.50
W. A. Dowell, acct. services as stenographer of pump in- vestigating committee.....	200.00
Total.....	\$3,307.13

PRINTING AND STATIONERY.*Mayor's Office.*

Book and stationery.....	\$108.50
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City Comptroller's Office.

Books, stationery, blanks, etc.....	296.67
Postal cards printed.....	32.00
Printing bonds.....	303.63

City Treasurer's Office.

Books, stationery, blanks, etc.....	221.02
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City Clerks's Office.

Books, stationery, blanks, etc.....	497.42
Printing ordinances.....	105.95
Postal cards printed.....	32.75

Meat Inspector's office.

Stationery, blanks, etc..	9.90
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Justice of the Peace.

One docket for Justice Grimes.....	10.00
Two dockets for Justice Barton.....	20.00
One docket for Justice Mills.....	12.75
Two dockets for Justice McHale.....	28.75
File covers for Justice McHale.....	10.00

Miscellaneous.

Printing annual reports of city officials.....	1,750.00
Publishing council proceedings.....	5,144.00
Indexing council proceedings.....	596.43
Miscellaneous advertising.....	245.67
Total.....	\$9,423.53

ROADS AND BRIDGES.

Salaries, Bridge watchmen.....	\$4,000.72
Pay rolls, labor.....	911.52
Lumber.....	2,333.12
Fuel.....	71.88
Hardware and tools.....	271.99
Painting bridge Washington avenue south.....	150.00
Paving approaches bridge 4th avenue SE.....	134.19
Sprinkling steel arch bridge.....	155.25
Repairing tools and incidentals.....	19.45
Total.....	\$8,076.10

COMPTROLLER'S REPORT.

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CITY HALL EXPENSE.

Salaries, janitor, engineer, fireman, etc	\$4,504.74	
Pay roll, labor	1,218.58	
Lumber.....	410.67	
Oil	105.16	
Miscellaneous repairs and supplies.....	406.87	
Fuel	2,336.67	
Plumbing repairs and supplies.....	929.60	
Minneapolis Gas Light Co., bills.....	689.82	
Hardware and tools.....	436.92	
Painting and kalsomining.....	399.73	
Electric supplies.....	393.08	
Material for city scale house.....	577.93	
Cement and lime	16.80	
Covering steam pipes.....	54.08	
Linoleum.....	341.48	
Ice bills, seasons 1890 and 1891.....	217.98	
Awnings.....	149.70	
Hanging and taking down awnings.....	21.28	
Extra salary to elevator attendant.....	60.00	
Elevator accident insurance premium.....	40.00	
Moving safe, city attorney's department.....	20.00	
Total.....		\$13,390.39

STREET LIGHTING.

Minneapolis Gas Light Co., 13 months.....	\$51,190.02	
Minnesota Brush Electric Co., 12 months.....	72,451.45	
N. W. Globe Gas Light Co., 12 months.....	35,897.22	
Schedule cards.....	85.70	
Incidentals	5.55	
Total.....		\$159,629.94

MUNICIPAL COURT.

Salaries	\$12,038.03	
Printing and stationery.....	877.62	
Law books.....	109.50	
Fuel and lights.....	242.73	
Telephone service.....	36.00	
Furniture and fixtures.....	102.39	
Rent.....	1,875.00	
Repairs.....	161.08	
Incidentals.....	159.25	
Total.....		\$15,661.60

LEGAL EXPENSE AND DAMAGES.

Stationery.....	\$104.70	
Printing briefs.....	150.50	
Abstracts	20.00	
Witness fees.....	178.97	
Telephone service. City attorney and assistant.....	71.25	
Transcripts.....	414.55	
Recording fees.....	165.84	
Expert testimony.....	43.60	

Judgments.

L. R. C. T. and Mary E. Redfield.....	\$5.33	
John Peterson.....	5,079.31	
Minneapolis Sash and Door Co.....	200.00	

Settlements in Full.

O. E. Fullerton.....	\$48.00	
G. A. Chamberlain.....	226.46	
Attorney's fees	100.00	
Total.....		\$6,808.51

CITY ASSESSOR'S DEPARTMENT.

Salaries.....	\$3,728.01	
Blank books, stationery and printing.....	515.46	
Livery	125.00	
Board of equalization.....	570.00	
Incidentals.....	93.35	
Total.....		\$10,031.82

BUILDING INSPECTOR'S DEPARTMENT.

Salaries.....	\$8,752.26	
Stationery and printing.....	538.41	
Telephone service.....	36.00	
Furniture and fixtures.....	130.50	
Incidentals.....	137.75	
Total.....		\$9,594.92

POUNDS.

Salaries, pound masters.....	\$3,500.00	
Advertising and feeding estrays.....	187.19	
Total.....		\$3,687.19

SALARIES OF CITY OFFICIALS.

Salaries, mayor and aldermen.....	\$15,000.00	
Salaries, others.....	41,350.78	
Transferred to the department of charities and corrections, 6 months' salary of city physician and assistant.....	1,200.00	
Total.....		\$57,550.78

BETHANY HOME.		
Appropriated during the year, <i>vide</i> council proceedings....		\$1,700.00
STREET OPENING EXPENSE.		
Salaries, commissioners, city.....	\$1,900.00	
Salaries, commissioners, court.....	1,245.00	
Removing buildings on Plymouth ave.....	10.00	
Books and blanks.....	32.00	
Total.....		\$1,186.00
OBTAINING EVIDENCE, MUNICIPAL COURT.		
Livery to reform school.....	\$52.00	
Railway fare to and from Red Wing.....	16.76	
Blind pigs, roomiers, etc.....	49.50	
Total.....		\$118.26
OFFICE FURNITURE.		
Mayor's office.....	\$ 1.50	
City comptroller's office.....	10.00	
City attorney's office.....	85.50	
City engineer's office.....	87.75	
City clerk's office.....	17.00	
Building inspector's office.....	54.00	
Health department office.....	68.00	
Council chamber.....	31.50	
Total.....		\$435.25
ELECTIONS.		
Special police, rent, use of furniture, election held November, 1890.....		\$36.72
REFUNDED ON PLUMBERS' PERMITS,		
City Engineer's vouchers.....		428.11
CONDUITS MINNESOTA BRUSH ELECTRIC CO.		
Pay rolls, labor.....	\$704.80	
Gravel and sand.....	21.23	
Hardware and lumber.....	7.61	
Cedar blocks.....	12.00	
Total.....		\$745.44
CONDUITS EDISON LIGHT AND POWER CO.		
Pay roll, labor.....	\$30.50	
Gravel and sand.....	7.20	
Total.....		\$37.70
SEWER, WATER AND HOUSE CONNECTION.		
Pay roll, inspectors.....	\$3,908.00	
Books and blanks.....	59.18	
Minneapolis Street Railway chips.....	102.00	
Oil, hardware and tools.....	16.32	
Total.....		\$4,085.45
JOHNSTOWN, PA., SUFFERERS.		
Note of E. S. Oorser et als.....		\$10,000.00
LICENSE REFUNDED.		
Thomas Moore, on liquor license, season 1889.....		\$500.00
AMOUNTS PAID TO ENOCH RAY IN 1890 REFUNDED.		
William Caine.....	\$500.00	
Bernheimer Wine Co.....	500.00	
Lizzie McGovern.....	500.00	
Total.....		\$1,500.00
CONDUITS N. W. TELEPHONE EXCHANGE.		
Pay rolls, labor.....	\$620.92	
Hardware and cedar blocks.....	11.30	
Total.....		\$632.22
CONDUITS WESTERN UNION TELEGRAPH CO.		
Pay rolls, labor.....		\$202.40
MINNEAPOLIS STREET RAILWAY REPAIRS.		
Pay rolls, labor.....	\$388.29	
Cedar blocks.....	167.89	
Resetting curb.....	33.68	
Gravel and sand.....	138.68	
Hardware.....	2.20	
Total.....		\$730.74
Amounts turned back by City Treas'r. refunded vouchers.		\$12.00
TAX PENALTIES AND INTEREST REFUNDED.		
City engineer vouchers.....		\$68.92
CITY BONDS PAID.		
Bond No. 214, dated July 1, 1872, due July 1, 1888.....		\$500.00
This is one of a series of city bonds that became due July 1, 1888, amount of same received from board of sinking fund commissioners at that date, and has remained to the credit of the general fund until this payment.		

COMPTROLLER'S REPORT.

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CONTINGENT FUND.

Entertainment of Boston, Mass., city council.....	\$534.75	
G. A. R., memorial day.....	200.00	
Livery, memorial day.....	32.00	
Livery, national nurseryman's association.....	160.00	
Sons of veterans' encampment.....	300.00	
Armory association.....	1,700.00	
John Selgried, amount paid Enoch Ray.....	500.00	
Transferred to 10th ward street fund.....	350.00	
Thad. S. Dickey, checking tax lists.....	1,689.77	
House of Good Shepard.....	780.00	
Harvest festival bills.....	1,804.25	
Robert D. Russell, exp. com. on waterways.....	300.00	
K. Kortgaard, city treasurer, paying on work.....	1,200.00	
Thad. S. Dickey, checking tax lists.....	434.50	
Total.....		\$9,985.27
Total disbursements.....		\$970,743.09

RECAPITULATION

By total credits.....	\$1,018,912.55	
To total debits.....	970,743.09	
Credit balance.....	\$48,169.46	
Jan. 1, 1872. By credit balance brought forward.....		\$48,169.46

PERMANENT IMPROVEMENT FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

"A tax not to exceed 2½ mills shall annually be levied upon the total assessed valuation of the city for the purpose of defraying the expense of the city's part of all public improvements; that is, the expense of all improvements not provided for by special assessments."

Revenue for 1892.

Tax levied 1891 for 1892, two mills \$276,880.12

Credits.

January 1, 1891. By credit balance brought forward \$176,665.23

TAXES.

Amount collected by county treasurer to Feb. 28, 1891.....	\$30,267.70	
Amount collected by county treasurer to May 31, 1891.....	180,404.08	
Amount collected by county treasurer to July 31, 1891.....	1,381.75	
Amount collected by county treasurer to Aug. 31, 1891.....	588.30	
Amount collected by county treasurer to Sept. 30, 1891.....	909.83	
Amount collected by county treasurer to Oct. 31, 1891.....	4,081.50	
Amount collected by county treasurer to Nov. 30, 1891.....	760.66	
Total		\$218,556.80

PENALTIES AND INTEREST.

Amount collected by county treasurer to Oct. 31, 1890.....	\$1,086.71	
Amount collected by county treasurer to Feb. 28, 1891.....	1,298.40	
Amount collected by county treasurer to May 31, 1891.....	1,495.83	
Amount collected by county treasurer to Oct. 31, 1891.....	1,053.82	
Total		\$4,934.76

MISCELLANEOUS.

Street Opening Warrant No. 09821, cancelled.....	\$350.00	
Street Opening Warrant No. 30064, cancelled.....	100.00	
Street Opening Warrant No. 05158, cancelled.....	300.00	
Street Opening Warrant No. 05159, cancelled.....	100.00	
Street Opening Warrant No. 05160, cancelled.....	30.00	
Street Opening Warrant No. 05161, cancelled.....	1,283.00	
Total		\$2,433.00

Minneapolis Street Railway Co., for work	1,666.02	
Great Northern Street Railway Co., widening Laurel ave. bridge.....	1,200.00	
Sale of rock and lumber.....	16.00	
I. E. Howe, paving repairs.....	38.25	
Error in drawing warrant.....	10.00	
Transferred from Eighth ward Street Fund for grading.....		2,700.00
West Lake street from Lake Calhoun to city limits.....		4,000.00
Advanced by O. T. Swett, et al., to grade Stock Yards road, the same to be refunded July 1, 1892.....		5.00
City treasurer, unclaimed to December 31.....		

Total credits \$412,515.25

Disbursements.

Transferred to permanent improvement revolving fund, being the city's portion for construction of sewers, paving, curb and gutters, season of 1890..... \$230,170.71

OLD SEWERS.

Pay rolls, labor.....	\$12,727.13	
Sewer brick	902.88	
Cement.....	451.85	
Catch basins, rings, etc.....	604.44	
Feed.....	386.71	
Hardware and tools.....	57.28	
Horseshoeing.....	76.25	
Oil and candles.....	6.60	
Repairing tools.....	59.85	
Lumber.....	57.00	
Miscellaneous supplies.....	90.78	
Total		\$15,420.77

SUNDRY PAVING REPAIRS.

Pay rolls, labor.....	\$4,648.18	
Sand, gravel and hauling.....	1,100.47	
Hardware and tools.....	40.00	
Lumber.....	101.89	
Repairing tools.....	12.05	
Repaving Bridge square.....	623.49	
Repaving Washington and Fifth avenues north.....	147.61	
Cedar blocks.....	83.50	
Miscellaneous supplies.....	16.90	
Total.....		\$6,775.98

COMPTROLLER'S REPORT.

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CURE AND GUTTER REPAIRS.		
Pay rolls, labor.....	\$139.31	
Resetting and replacing.....	1,074.07	
Rent of lot for storage of material.....	30.00	
Total.....		\$1,243.38
DESCRIPTIONS.		
County auditor for 3,028 street openings, 5c.....	\$151.30	
834 " " 3c.....	25.02	
588 miscellaneous, 5c.....	29.40	
Total.....		\$205.72
TAX REFUNDED.		
County treasurer's vouchers.....		\$878.12
TAX ANNULLED.		
City engineer's vouchers.....		\$1,236.81
DRAINING HOAG'S LAKE.		
Pay rolls, labor.....	\$1,037.08	
Lumber.....	129.23	
Hardware and tools.....	17.15	
Lime.....	5.05	
Total.....		\$1,188.51
TAKING DOWN WALLS BUILDINGS NOS. 825 AND 827 WASHINGTON AVE. SOUTH.		
Building inspector's voucher, contract.....	\$250.00	
FIRE DEPARTMENT PROPERTY ACCOUNT—NEW.		
Balance, plumbing contract, hose house James avenue....	\$ 48.00	
Balance, erecting contract, engine house Chicago avenue....	134.00	
Balance, steam plant contract, engine house Chicago av....	36.50	
Sewer connection, engine house No. 8.....	205.38	
Laying sidewalk engine house, Blaisdell ave. and 26th st....	230.48	
Fencing engine house, Blaisdell avenue and 26th street....	36.90	
Total.....		\$689.26
NORTH MINNEAPOLIS POLICE STATION.		
Mortgage note.....	\$300.00	
Twelve months interest on same.....	49.00	
Total.....		\$349.00
BRIDGE THIRTY-SIXTH AVENUE AND MOTOR CROSSING.		
Lumber.....		\$1.50
BRIDGE FIRST STREET AND TWENTIETH AVENUE NORTH.		
Pay roll, labor.....	\$1.50	
Nails.....	.30	
Total.....		\$1.80
BRIDGE MINNEHAHA AVENUE AND CREEK.		
Hardware.....		\$1.75
STEEL ARCH BRIDGE.		
Pay rolls, labor.....	275.61	
Superstructure.....	30,780.40	
Cedar blocks, paving old one half.....	898.20	
Cedar blocks, paving approaches.....	686.93	
Lumber.....	336.60	
Gravel and sand.....	72.40	
Hardware.....	20.58	
Fifteen bridge lamps.....	144.00	
Miscellaneous supplies.....	16.13	
Total.....		\$42,209.03
BRIDGE FIFTEENTH AVE. S. E. GREAT NORTHERN RY. TRACKS.		
Pay rolls, labor.....	\$ 855.20	
Substructure.....	4,819.20	
Superstructure.....	524.83	
Inspection.....	102.43	
Grading.....	5,064.04	
Lumber.....	182.79	
Oak ties.....	287.56	
Cedar block paving.....	126.00	
Miscellaneous supplies.....	91.08	
Total.....		\$12,053.13
BRIDGE FOURTH AVENUE NORTH OVER N. P. RY. TRACKS.		
Pay roll, labor.....	\$24.50	
Lumber.....	66.37	
Hardware.....	7.39	
Total.....		\$98.26
LAUREL AVENUE BRIDGE.		
Pay roll, labor.....	\$ 4,237.83	
Substructure.....	3,782.40	
Superstructure.....	35,308.95	
Inspection.....	312.70	
Paving approaches.....	556.54	
Lumber.....	4,651.53	
Piles and driving same.....	621.35	
Hardware.....	364.66	
Rock and earth.....	202.88	
Miscellaneous supplies.....	230.30	
Total.....		\$50,248.64

BRIDGE ON WESTERN AV., OVER OREGON BRANCH G. N. RY. TRACKS.		
Pay roll, labor.....	\$120.63	
Lumber.....	465.67	
Total.....		\$586.30
APPROACHES, WASHINGTON AND 4TH AVENUE NORTH BRIDGE.		
Pay roll, labor.....	\$34.00	
Grading.....	52.50	
Total.....		\$86.50
SUNDRY BRIDGE REPAIRS.		
Pay roll, labor.....	\$ 706.18	
Lumber.....	2,007.51	
Repairing Holden street bridges.....	235.48	
Grading.....	80.75	
Earth and paints.....	204.00	
Hardware.....	194.08	
Total.....		\$4,128.00
AMOUNTS TURNED BACK BY CITY TREASURER REFUNDED.		
Vouchers.....		\$58.97
FOURTH STREET SOUTH SEWER TUNNEL EXTENSION.		
Pay roll, labor.....	\$128.08	
Lumber.....	82.90	
Rock.....	30.00	
Hardware.....	12.02	
Total.....		\$253.10
STREET OPENINGS.		
Awarded by commissioners.....	\$14,959.35	
Interest paid on same.....	1,159.03	
Total.....		\$16,118.38
GRADING WEST LAKE STREET, LAKE CALHOUN, TO CITY LIMITS		
Advanced by sundry parties in 1890, refunded.....	\$2,700.00	
Amount charged 8th Ward street fund Nov. 20, 1891.....	2,637.39	
Total.....		\$5,337.39
GRADING STOCK YARDS ROAD.		
Grading estimates.....	\$4,122.72	
Ditching.....	55.00	
Total.....		\$4,177.72
\$4,000 advanced by several parties to do this work. The same to be refunded July 1, 1892.		
WATERING TROUGHS.		
Pay roll, labor.....	\$ 13.85	
Three sets fountain castings.....	413.82	
Three sets fountain stone.....	156.00	
Total.....		\$583.37
Erected 36th street and Calhoun boulevard.		
Erected Central avenue and Harrison street.		
Erected Washington and 36th avenue north.		
ICE WATER DRINKING FOUNTAINS.		
Pay rolls, labor.....	\$186.31	
Castings.....	225.00	
Stone.....	80.00	
Doors, frames and coils.....	200.00	
Brick.....	56.59	
Lumber.....	71.88	
Hardware and paint.....	13.20	
Total.....		\$832.98
Erected Nicollet avenue and 3d street.		
Erected Nicollet avenue and Bridge square.		
Erected 6th street and 1st avenue south.		
Erected Cedar and Washington avenues south.		
Erected Washington ave. bet. Nicollet and 1st ave. south.		
Erected Plymouth and Washington avenue north.		
Erected Central avenue and Prince street.		
Erected 4th street, bet. Hennepin and Nicollet aves.		
Total disbursements.....		\$385,445.08

Recapitulation.

By total credits.....	\$412,515.25
To total debits.....	385,445.08
Credit balance.....	\$ 27,070.17

1892.

Jan. 1. By credit balance brought forward..... \$27,070.17

From the above fund there is due the permanent improvement revolving fund a credit of the proportion of the cost to be borne by the city in the construction of sewers, curb and gutter and paving; these items of cost are to be determined and reported by the city engineer as soon as he has completed his estimates on the cost of the above items for 1891.

PERMANENT IMPROVEMENT REVOLVING FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

"There is hereby created a special fund, to be called 'The Permanent Improvement Revolving Fund,' to which shall be credited the principal sum of each of the installments of all special assessments assessed and levied by said city council, which are to be paid in five (5) equal annual installments,

"The above assessments include the special assessments for sewer, paving, and curb and gutter."

Credits.

By amount transferred from Permanent Improvement Fund, being city's proportion of improvements, season of 1890.....		\$220,170.71
SALE OF BONDS.		
50,000 to Farmers and Mechanics Savings Bank, @ 101 per cent.....	\$50,500.00	
195,000 to Blair & Co., bankers, New York City, @ 100½ per cent.....	195,243.75	
Total.....		\$245,743.75
TAXES.		
Amount collected by county treasurer to Feb. 28, 1891.....	\$13,888.48	
Amount collected by county treasurer to May 31, 1891.....	287,081.03	
Amount collected by county treasurer to July 31, 1891.....	2,500.02	
Amount collected by county treasurer to Aug. 31, 1891.....	1,435.44	
Amount collected by county treasurer to Sept. 30, 1891.....	1,497.39	
Amount collected by county treasurer to Oct. 31, 1891.....	3,096.85	
Amount collected by county treasurer to Nov. 30, 1891.....	1,066.26	
Total.....		\$310,594.42
PENALTIES AND INTEREST.		
Amount collected by county treasurer to Oct. 31, 1890.....	\$845.36	
Amount collected by county treasurer to Feb. 28, 1891.....	1,025.01	
Amount collected by county treasurer to May 31, 1891.....	1,539.91	
Amount collected by county treasurer to Oct. 31, 1891.....	1,280.80	
Total.....		\$4,991.08
ADVANCES.		
Amount advanced by sundry corporations and persons for constructing sewers, curb and gutters and paving, season of 1891, same to be refunded after the assessments of same have been collected.....		\$66,206.41
BONUS.		
Amount received from the St. Paul and Northern Pacific Railway for paving, curbs and gutters on 1st street north from 3d avenue north to Northern Pacific Railway depot.....		\$6,420.90
ERRORS.		
Drawing warrant.....	\$25.02	
Engineer's certificates, tax annulled.....	82.87	
County treasurer's certificates, tax refunded.....	94.96	
Total.....		\$203.75
Old material sold and sewer work.....		117.65
Warrant cancelled.....		28.47
City treasurer, unclaimed on pay rolls to Dec. 31.....		41.86
Total credits.....		\$874,519.08

1891.		<i>Disbursements.</i>	
Jan. 1.	To debit balance brought forward.....		\$181,581 16
SEWER CONSTRUCTION.			
	Pay rolls, labor.....	\$214,749.45	
	Repairing tools.....	133.83	
	Sewer brick.....	46,988.94	
	Fuel.....	2,482.22	
	Lumber.....	5,544.34	
	Surgical attendance to wounded.....	911.60	
	Oil and candles.....	643.94	
	Catch basins, rings, covers, etc.....	5,045.93	
	Repairing water connections.....	61.51	
	Rent of lots for storage of material.....	416.28	
	Miscellaneous supplies.....	1,865.39	
	Damage from blasting.....	29.50	
	Hardware and tools.....	3,060.63	
	Telephone service at ware house.....	30.00	
	Rubber goods.....	619.53	
	Dynamite, fuse and caps.....	3,993.70	
	Books, stationery and blanks.....	112.65	
	Sewer pipe.....	13,368.18	
	Gravel and sand.....	159.40	
	Livery.....	180.00	
	Transferring brick and machines.....	449.42	
	Cement.....	12,980.14	
	Miner's lamps.....	15.84	
	Water proof covers.....	164.80	
	Rock.....	421.24	
	Sewer buckets.....	320.00	
	Minneapolis Street Railway chips.....	30.06	
	Sewer cars.....	240.00	
	Sewer car repairs.....	80.50	
	Inspection of boilers.....	27.00	
	Great Northern Railway Company, material and labor on Dupont avenue.....	1,252.92	
	J. P. Andersen, in full for injury.....	300.00	
	Henry Ringstorf, in full for injury.....	56.00	
	Martin Eggstrom, in full for injury.....	350.00	
	John Swanstrom, in full for injury.....	45.50	
	Total.....		\$317,029.94
CURB AND GUTTERS.			
	Pay rolls, labor.....	\$596.15	
	Furnishing and setting natural stone.....	53,624.65	
	Furnishing and setting artificial stone.....	55,595.40	
	Resetting curb.....	492.96	
	Catch basins.....	180.00	
	Miscellaneous supplies.....	51.40	
	Total.....		\$110,540.56
CEDAR BLOCK PAVING.			
	Pay rolls, labor.....	\$528.25	
	City engineer's estimates.....	130,115.04	
	Gravel and sand.....	112.71	
	Total.....		\$130,756.00
GRANITE BLOCK PAVING.			
	Pay rolls, labor.....	\$90.00	
	City engineer's estimates.....	7,204.89	
	Total.....		\$7,363.89
ASPHALT PAVING.			
	Pay rolls, labor.....	\$155.00	
	City engineer's estimates.....	56,991.00	
	Miscellaneous supplies.....	42.54	
	Total.....		\$57,188.54
AMOUNTS TURNED BACK BY CITY TREASURER, REFUNDED.			
	Vouchers.....		\$154.51
TAX REFUNDED.			
	County treasurer's vouchers.....		\$7,632.91
TAX ANNULLED.			
	City engineer's vouchers.....		\$6,616.52
SPECIAL TAX EXPENSE.			
	County auditor for 4,911. curb and gutter @ 5c.....	\$245.55	
	3,649. paving @ 5c.....	182.45	
	8,519. sewer @ 5c.....	425.95	
	County treasurer recording and filing city engineer's certified tax annulled.....	24.25	
	Books and blanks.....	38.50	
	Pay roll from engineer's department.....	74.25	
	Total.....		\$990.95
Amounts advanced for paving and sewer construction refunded			
	Interest on permanent improvement revolving fund bonds paid in 1891.....		\$112,020.54
	Total.....		\$16,160.60
Total disbursements.....			\$948,035.82

RECAPITULATION.

To total debts.....	\$648,035.52	
By total credits.....	874,519.06	
Debit balance.....		\$73,516.44

Of this debit balance the city comptroller has in his office warrants not countersigned to the amount of \$70,795.80.

Jan. 1, 1892, to debit balance brought forward..... \$73,516.44

The above fund is entitled to a credit from the permanent improvement fund of the proportion of the entire cost to be born by the city in the construction of sewers, curb and gutter and paving for the season of 1891. The items of cost are to be determined and reported by the city engineer as soon as he has completed his estimates on the cost of the above items for 1891.

WATER WORKS FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

By special assessment of 65 cents per lineal foot on each side of the street for water main; also the water rentals.

Revenue for 1891.

CREDITS.

January 1, 1891, by credit balance brought forward.....		\$70,854.41
TAXES.		
Amount collected by county treasurer to Feb. 28, 1891....	\$8,310.98	
Amount collected by county treasurer to May 31, 1891....	75,637.08	
Amount collected by county treasurer to July 31, 1891....	411.29	
Amount collected by county treasurer to Aug. 31, 1891....	887.08	
Amount collected by county treasurer to Sep. 30, 1891....	1,070.24	
Amount collected by county treasurer to Oct. 31, 1891....	3,159.52	
Amount collected by county treasurer to Nov. 31, 1891....	740.97	
Total.....		\$90,217.16
PENALTIES AND INTEREST.		
Amount collected by county treasurer to Oct. 31, 1890....	\$714.13	
Amount collected by county treasurer to Feb. 28, 1891....	824.33	
Amount collected by county treasurer to May 31, 1891....	773.33	
Amount collected by county treasurer to Oct. 31, 1891....	839.22	
Total.....		\$3,151.41
F. T. MOODY, REGISTRAR.		
Miscellaneous collections and water rentals from January 1, 1891, to December 31, 1891.....		\$179,689.62
ADVANCES.		
By sundry persons for laying water mains season of 1891, same to be refunded after assessments for same have been collected.....		\$2,269.50
Error in charge of engineer's certificates. Tax annulled.....		7.43
City treasurer. Unclaimed on pay rolls to December 31.....		9.75
Total credits.....		\$346,199.28

DISBURSEMENTS.

New Extensions.....	\$203,010.41	
General running expense, salaries, labor, etc.....	87,871.85	
Taxes annulled and refunded.....	14,215.30	
Advances for laying water mains refunded.....	7,182.20	
Water meters.....	4,907.28	
Permanent improvements other than water mains.....	5,698.20	
Pipe, hydrants, valves and lead.....	10,016.31	
Miscellaneous supplies.....	845.42	
Total disbursements.....	\$333,746.97	
Credit balance carried forward.....	12,451.31	
	\$346,199.28	\$346,199.28
January 1, 1892, by credit balance brought forward.....		\$12,451.31

INTEREST FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

“A tax shall annually be levied upon all the taxable property of the city, sufficient to pay the interest to become due during the next fiscal year upon all bonds or debt of the city.”

Revenue for 1892.

Tax levied 1891, for 1892, 2.5 mills..... \$346,111.40

CREDITS.

January 1, 1891. By credit balance brought forward..... \$74,619.65

TAXES.

Amount collected by county treasurer to Feb. 28, 1891.....	\$43,169.64
Amount collected by county treasurer to May 31, 1891.....	184,714.79
Amount collected by county treasurer to July 31, 1891.....	1,487.26
Amount collected by county treasurer Aug. 31, 1891.....	752.94
Amount collected by county treasurer Sept. 30, 1891.....	776.40
Amount collected by county treasurer Oct. 31, 1891.....	4,623.22
Amount collected by county treasurer Nov. 30, 1891.....	940.79

Total..... \$236,465.04

PENALTIES AND INTEREST.

Amount collected by county treasurer to Oct. 31, 1890.....	\$1,016.66
Amount collected by county treasurer to Feb. 28, 1891.....	1,235.69
Amount collected by county treasurer to May 31, 1891.....	1,544.96
Amount collected by county treasurer to Oct. 31, 1891.....	1,145.97

Total..... 4,943.28

Accrued interest on \$245,000 permanent improvement revolving fund bonds sold..... 2,522.51

Total..... \$318,560.48

DISBURSEMENTS.

To paid coupons and interest on city bonds from January 1, 1891 to December 31, 1891.....	\$267,550.00
Credit balance carried forward.....	50,730.48

Total..... \$318,560.48 \$318,560.48

January 1, 1892. By credit balance brought forward..... \$50,730.48

WARD FUNDS.

RECEIPTS AND DISBURSEMENTS OF THE THIRTEEN WARDS FOR THE
TWELVE MONTHS ENDING DECEMBER 31, 1891.

HOW CREATED.

"A tax not to exceed 2½ mills shall be annually levied upon all the taxable property of each ward, sufficient to defray all the expenses of the ward for the next fiscal year, including the grading of streets."

Sprinkling tax, special assessment per front foot.

Sidewalk tax, special assessment per front foot.

FIRST WARD STREET FUND.

Credits.

1891.			
Jan'y 1.	By credit balance brought forward		\$27.49
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891 ..	\$1,611.18	
	Amount collected by county treasurer to May 31, 1891 ..	6,119.19	
	Amount collected by county treasurer to July 31, 1891 ..	40.58	
	Amount collected by county treasurer to Aug. 31, 1891 ..	28.35	
	Amount collected by county treasurer to Sept. 30, 1891 ..	60.33	
	Amount collected by county treasurer to Oct. 31, 1891 ..	138.06	
	Amount collected by county treasurer to Nov. 30, 1891 ..	26.12	
	Total		\$8,023.83
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890 ..	\$27.02	
	Amount collected by county treasurer to Feb. 28, 1891 ..	29.77	
	Amount collected by county treasurer to May 31, 1891 ..	33.68	
	Amount collected by county treasurer to Oct. 31, 1891 ..	40.10	
	Total		\$130.57
	Earth sold		247.06
	City treasurer unclaimed on pay rolls to Dec. 31		83.70
	Total credits		\$8,512.64

Disbursements.

Pay rolls, labor	\$7,515.27
Hardware and tools	50.55
Lumber, culverts and cross walks	307.48
Repairing tools	84.15
Amounts turned back by city treasurer refunded	24.02
One road plow	21.00
Excavating and removal of trees on Second ave. N. E.	407.73
Books and blanks	1.27
Total	\$8,411.47
Credit balance carried forward ..	101.17
	<u>\$8,512.64</u>
	<u>\$8,512.64</u>

1892.		
Jan'y 1.	By credit balance brought forward	\$101.17

FIRST WARD SIDEWALK FUND.

Credits.

1891.			
Jan. 1.	By credit balance brought forward		\$618.38
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891 ..	\$1 002.73	
	Amount collected by county treasurer to May 31, 1891 ..	8,530.52	
	Amount collected by county treasurer to July 31, 1891 ..	30.63	
	Amount collected by county treasurer to Aug. 31, 1891 ..	93.50	
	Amount collected by county treasurer to Sept. 30, 1891 ..	70.76	
	Amount collected by county treasurer to Oct. 31, 1891 ..	394.80	
	Total		\$10,123.63
	Penalties and Interest—		
	Amount collected by county treasurer to Feb. 28, 1891 ..	\$97.26	
	Amount collected by county treasurer to May 30, 1891 ..	172.80	
	Amount collected by county treasurer to Nov. 30, 1891 ..	88.46	
	Total		\$358.61
	Error in charge of engineer's certificate, tax annulled ...		\$119.48
	Total credit		\$11,219.95

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Disbursements.

Laying stone sidewalk.....	\$375.46	
Repairing stone sidewalk.....	30.75	
Laying plank sidewalk.....	297.39	
Lumber.....	1,907.47	
Hardware, etc.....	102.85	
Blanks and books.....	5.82	
Tax refunded, county treasurer's vouchers.....	2,820.79	
Tax annulled, city engineer's vouchers.....	6,344.46	
County treasurer, receiving and filing engineer's vouchers.....	17.42	
Inspecting lumber.....	19.32	
Livery.....	4.15	
County auditor, for 355 descriptions at 5c.....	17.75	
Thad. S. Dickey, checking accounts.....	18.00	
Total.....	\$11,861.63	
Debit balance carried forward.....		\$641.66
Total.....	\$11,861.63	\$11,861.63

1892.
Jan'y 1. To debit balance brought forward..... \$641.66

FIRST WARD SPRINKLING FUND.

Credits.

1891. Jan'y 1. By credit balance brought forward.....		\$747.68
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$368.30	
Amount collected by county treasurer to May 31, 1891..	3,912.30	
Amount collected by county treasurer to July 31, 1891..	15.17	
Amount collected by county treasurer to Aug. 31, 1891..	11.59	
Amount collected by county treasurer to Sep. 30, 1891..	65.40	
Amount collected by county treasurer to Oct. 31, 1891..	93.65	
Amount collected by county treasurer to Nov. 30, 1891..	55.15	
Total.....		\$4,521.56
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$13.46	
Amount collected by county treasurer to Feb. 28, 1891..	23.17	
Amount collected by county treasurer to May 31, 1891..	22.95	
Amount collected by county treasurer to Oct. 31, 1891..	22.87	
Total.....		\$62.45
Error in pay roll.....		60.00
City treasurer, unclaimed on pay rolls to Dec. 31 ..		27.00
Total credits.....		\$5,448.00

Disbursements.

Pay rolls, sprinkling.....	\$4,148.20	
Seven sprinklers and trucks.....	493.00	
Blanks and books.....	1.10	
Tax refunded, county treasurer's vouchers.....	338.85	
Tax annulled, city engineer's vouchers.....	327.14	
County treasurer, receiving and filing engineer's vouchers	1.12	
County auditor, 1,203 descriptions, @ 5c.....	60.15	
County auditor, 1,188 descriptions, @ 3c.....	35.64	
Total.....	\$5,404.70	
Credit balance carried forward.....	43.99	
Total.....	\$5,448.69	\$5,448.00

1892.
Jan'y 1. By credit balance brought forward..... \$43.99

SECOND WARD STREET FUND.

Credits.

1891. Jan'y 1. By credit balance brought forward.....		\$1,443.13
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$1,706.18	
Amount collected by county treasurer to May 31, 1891..	7,400.32	
Amount collected by county treasurer to July 31, 1891..	67.62	
Amount collected by county treasurer to Aug. 31, 1891..	34.39	
Amount collected by county treasurer to Sept. 30, 1891..	11.62	
Amount collected by county treasurer to Oct. 31, 1891..	169.12	
Amount collected by county treasurer to Nov. 30, 1891..	40.74	
Total.....		\$9,429.99

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Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$80.13	
Amount collected by county treasurer to Feb. 28, 1891..	63.69	
Amount collected by county treasurer to May 31, 1891..	57.97	
Amount collected by county treasurer to Oct. 31, 1891..	42.41	
Total.....		\$224.20
Earth sold and grading.....		125.00
Minneapolis Street Railway bonus for grading.....		400.00

Total credit..... \$11,622.32

Disbursements.

Pay rolls, labor.....	\$9,740.96
Hardware and tools.....	57.41
Lumber, culverts and cross walks.....	259.02
Repairing tools.....	41.13
Sweeper repairs.....	105.00
One road plow.....	21.00
Blanks.....	.54
Rent of scrapers.....	9.10
Rent of lot for storage.....	15.00

Total..... \$10,249.16
Credit balance carried forward..... 1,373.16

Total..... \$11,622.32 \$11,622.32

1892.
Jan'y 1. By credit balance brought forward..... \$1,373.16

SECOND WARD SIDEWALK FUND.

Credit.

1891.
Jan. 1 By credit balance brought forward..... \$10.73

Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$1,166.17	
Amount collected by county treasurer to May 31, 1891..	10,881.89	
Amount collected by county treasurer to July 31, 1891..	13.06	
Amount collected by county treasurer to Aug. 31, 1891..	31.05	
Amount collected by county treasurer to Sep. 30, 1891..	34.65	
Amount collected by county treasurer to Oct. 31, 1891..	663.98	
Amount collected by county treasurer to Nov. 30, 1891..	117.03	
Total.....		\$12,900.85

Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$90.18	
Amount collected by county treasurer to Feb. 28, 1891..	114.58	
Amount collected by county treasurer to May 31, 1891..	196.35	
Amount collected by county treasurer to Oct. 31, 1891..	111.41	
Total.....		\$502.52

Error in drawing warrant..... 52.68
Error in tax refunded..... 200.07
Advanced by F. C. Barrows and J. C. Haynes, to be refunded July, 1892.. 1,029.00

Total credits..... \$14,704.87

Disbursements.

Sidewalk brick.....	\$17.65
Repairing brick sidewalk.....	16.30
Livery.....	16.46
Lumber.....	1,822.19
Laying plank sidewalk.....	82.72
Repairing plank sidewalk.....	49.77
Laying stone sidewalk.....	1,834.80
Repairing stone sidewalk.....	6.53
Hardware, nails, etc..	66.00
Tax refunded, county treasurers vouchers.....	3,708.47
Tax annulled, city engineer's vouchers.....	7,375.27
County treasurer, receiving and filing eng. vouchers.....	24.18
County auditor for 821 descriptions, 5 cts.....	41.05
Inspecting lumber.....	29.07
Blanks and books.....	5.85
Discount paid on note of F. C. Barrows and J. C. Haynes.....	54.00

Total..... \$15,150.31
Debit balance carried forward..... \$445.44

\$15,150.31 \$15,150.31

1892.
Jan. 1 To debit balance brought forward..... \$445.44

CITY OF MINNEAPOLIS.

SECOND WARD SPRINKLING FUND.

1891.		<i>Credit.</i>	
Jan'y 1.	By credit balance brought forward.....		\$913.76
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$380.40	
	Amount collected by county treasurer to May 31, 1891..	5,584.87	
	Amount collected by county treasurer to July 31, 1891..	61.71	
	Amount collected by county treasurer to Aug. 31, 1891..	35.76	
	Amount collected by county treasurer to Sept. 30, 1891..	13.86	
	Amount collected by county treasurer to Oct. 31, 1891..	130.11	
	Amount collected by county treasurer to Nov. 30, 1891..	14.28	
	Total.....		\$6,221.06
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$29.32	
	Amount collected by county treasurer to Feb. 28, 1891..	35.82	
	Amount collected by county treasurer to May 31, 1891..	38.25	
	Amount collected by county treasurer to Oct. 31, 1891..	36.21	
	Total.....		139.60
	Total credit.....		\$7,274.44
		<i>Disbursements.</i>	
	Pay rolls, sprinkling.....	\$5,902.00	
	Tax refunded, county treasurer's vouchers.....	124.85	
	Tax annulled, city engineer's vouchers.....	135.46	
	County treasurer, receiving and filing engineer's vouchers.....	.51	
	Blanks and books.....	1.38	
	County auditor for 1,544 descriptions @ 5c.....	79.70	
	County auditor for 2,008 descriptions @ 3c.....	60.24	
	Total.....	\$6,304.14	
	Credit, balance carried forward.....	970.30	
	Total.....	\$7,274.44	\$7,274.44

1892.			
Jan'y 1.	By credit balance brought forward.....		\$970.30

THIRD WARD STREET FUND.

1891		<i>Credit.</i>	
Jan'y 1.	By credit brought forward.....		\$5,416.79
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$ 3,571.95	
	Amount collected by county treasurer to Mar. 31, 1891..	20,393.36	
	Amount collected by county treasurer to July 31, 1891..	122.70	
	Amount collected by county treasurer to Aug. 31, 1891..	130.04	
	Amount collected by county treasurer to Sept. 30, 1891..	103.56	
	Amount collected by county treasurer to Oct. 31, 1891..	441.54	
	Amount collected by county treasurer to Nov. 30, 1891..	108.12	
	Total.....		\$24,566.27
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$116.88	
	Amount collected by county treasurer to Feb. 28, 1891..	82.23	
	Amount collected by county treasurer to May 31, 1891..	150.62	
	Amount collected by county treasurer to Oct. 31, 1891..	119.67	
	Total.....		\$469.38
	Earth sold and grading.....		666.15
	Total credit.....		\$31,418.59
		<i>Disbursements.</i>	
	Pay rolls, labor.....	\$27,710.17	
	Repairing tools.....	190.70	
	Hardware tools, etc.....	156.35	
	Earth purchased.....	755.70	
	Lumber, culverts and crosswalks.....	484.99	
	Sweeper repairs.....	78.00	
	Resetting curb.....	29.00	
	Six two wheeled scrapers.....	252.00	
	Two road plows.....	42.00	
	Two dump carts.....	45.00	
	One grader.....	23.00	
	Blanks.....	.54	
	S. A. March advanced for grading refunded.....	160.00	
	Hannah Collins judgment in full.....	514.14	
	Total.....	\$30,441.39	
	Credit balance carried forward.....	976.99	
	Total.....	\$31,418.59	\$31,418.59
1892.			
Jan'y 1.	By credit balance brought forward.....		\$976.99

THIRD WARD SIDEWALK FUND.

1891.		<i>Credit.</i>	
Jan'y 1.	By credit balance brought forward.....		\$505.65
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$1,802.05	
	Amount collected by county treasurer to May 31, 1891..	20,806.31	
	Amount collected by county treasurer to July 31, 1891..	281.21	
	Amount collected by county treasurer to Aug. 31, 1891..	220.14	
	Amount collected by county treasurer to Sept. 30, 1891..	215.66	
	Amount collected by county treasurer to Oct. 31, 1891..	617.26	
	Total		\$32,742.63
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$114.34	
	Amount collected by county treasurer to Feb. 28, 1891..	189.14	
	Amount collected by county treasurer to May 31, 1891..	272.34	
	Amount collected by county treasurer to Oct. 31, 1891..	200.14	
	Total		\$775.96
	Advanced to lay sidewalk, to be refunded July 1, 1892		745.00
	Error in charge of engineers' certificates tax annulled		51.75
	Error in charge of tax refunded		61.75
	Sidewalk repairs		12.10
	Total credit		\$34,894.84
	<i>Disbursements.</i>		
	Laying plank sidewalk	\$980.53	
	Repairing plank sidewalk	6.00	
	Lumber	6,709.35	
	Hardware, nails, etc	350.35	
	Delivery	12.14	
	Laying stone sidewalk	311.59	
	Repairing stone sidewalk	175.83	
	Tax refunded, county treasurer's vouchers	4,552.04	
	Tax annulled, city engineer's vouchers	10,252.99	
	Co. treasurer, receiving and filing engineer's vouchers ..	70.59	
	County auditor, 1,466 descriptions @ 5c	73.30	
	Blank books	5.85	
	Inspecting lumber	64.91	
	Total	\$32,605.27	
	Credit balance carried forward	2,289.57	
		<u>\$34,894.84</u>	<u>\$34,894.84</u>

1892.
Jan'y 1. By credit balance brought forward..... \$2,289.57

THIRD WARD SPRINKLING FUND.

1891.		<i>Credit.</i>	
Jan'y 1.	By credit balance brought forward.....		\$5,747.74
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$ 561.30	
	Amount collected by county treasurer to May 31, 1891..	7,910.48	
	Amount collected by county treasurer to July 31, 1891..	54.05	
	Amount collected by county treasurer to Aug. 31, 1891..	57.30	
	Amount collected by county treasurer to Sept. 30, 1891..	85.31	
	Amount collected by county treasurer to Oct. 31, 1891..	257.31	
	Amount collected by county treasurer to Nov. 30, 1891..	29.35	
	Total		\$8,953.10
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$48.90	
	Amount collected by county treasurer to Feb. 28, 1891..	52.43	
	Amount collected by county treasurer to May 31, 1891..	65.79	
	Amount collected by county treasurer to Oct. 31, 1891..	68.09	
	Total		\$235.26
	Error in tax refunded		7.85
	Total credit		\$14,945.95
	<i>Disbursements.</i>		
	Pay roll, sprinkling	\$7,951.50	
	Repairs to sprinklers	65.95	
	Insurance on sprinklers	34.20	
	Storage of sprinklers	55.00	
	Tax refunded, county treasurer's vouchers	441.31	
	Tax annulled, city engineer's vouchers	217.87	
	County treas'r. receiving and filing engineer's vouchers..	83	
	County auditor for 3,421 descriptions at 5c	171.05	
	County auditor for 3,620 descriptions at 3c	108.60	
	Blank books	2.76	
	Total	\$9,049.07	
	Credit balance carried forward	5,896.88	
		<u>\$14,945.95</u>	<u>\$14,945.95</u>
1892.	Jan'y 1. By credit balance brought forward.....		\$5,896.88

CITY OF MINNEAPOLIS.

FOURTH WARD STREET FUND.

Credit.

Taxes—	
Amount collected by county treasurer to Feb. 28, 1891..	\$8,617.81
Amount collected by county treasurer to May 31, 1891..	26,306.76
Amount collected by county treasurer to July 31, 1891..	98.69
Amount collected by county treasurer to Aug. 31, 1891..	42.73
Amount collected by county treasurer to Sept. 30, 1891..	62.15
Amount collected by county treasurer to Oct. 31, 1891..	367.93
Amount collected by county treasurer to Nov. 30, 1891..	77.37
Total.....	\$35,568.34
Penalties and Interest—	
Amount collected by county treasurer to Oct. 31, 1890..	\$72.73
Amount collected by county treasurer to Feb. 28, 1891..	133.41
Amount collected by county treasurer to May 31, 1891..	160.99
Amount collected by county treasurer to Oct. 31, 1891..	84.96
Total.....	\$452.09
Advanced by E. G. Potter and S. B. Loye to pay laborers	\$3,400.00
Grading bonus.....	119.87
Earth sold.....	78.00
Rattan sold.....	96.00
City treasurer, unclaimed on pay rolls to Dec. 31.....	1.74
Total credit.....	\$39,716.04

Disbursements.

1891.			
Jan'y 1.	To debit balance brought forward.....	\$1,071.11	
	Pay roll, labor.....	28,212.56	
	Hardware, tools, etc.....	196.87	
	Repairing tools.....	110.50	
	Changing line of curb on Hennepin avenue.....	118.78	
	Lumber, culverts and cross-walks.....	675.39	
	Earth purchased.....	24.50	
	Sweeper repairs.....	725.86	
	Amount turned back by city treasurer refunded.....	21.00	
	Edgings.....	18.40	
	Blanks.....	.54	
	1 American road machine.....	225.00	
	2 No. 2 scrapers.....	84.00	
	Grading Hennepin avenue.....	1,500.00	
	Advanced by E. G. Potter and S. B. Loye refunded.....	3,450.25	
	Advances for grading refunded.....	2,300.00	
	1 Patent street sweeper and freight.....	396.46	
	Bridge on Penn avenue.....	148.66	
	Gottlieb F. Dorn, in full for damages.....	200.00	
	Mary M. Pritchard in full for damages.....	175.00	
	Total.....	\$39,554.88	
	Credit balance carried forward.....	161.16	
		\$39,716.04	\$39,716.04
1892.			
Jan'y 1.	By credit balance brought forward.....		161.16

FOURTH WARD SIDEWALK FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$2,148.28
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$1,492.84	
	Amount collected by county treasurer to May 31, 1891..	19,814.31	
	Amount collected by county treasurer to July 31, 1891..	197.43	
	Amount collected by county treasurer to Aug. 31, 1891..	41.50	
	Amount collected by county treasurer to Sep. 30, 1891..	215.89	
	Amount collected by county treasurer to Oct. 31, 1891..	291.96	
	Amount collected by county treasurer to Nov. 30, 1891..	195.99	
	Total.....	\$22,240.92	
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$28.97	
	Amount collected by county treasurer to Feb. 28, 1891..	132.57	
	Amount collected by county treasurer to May 31, 1891..	259.06	
	Amount collected by county treasurer to Oct. 31, 1891..	112.01	
	Total.....	\$532.63	
	Errors in charge of engineer's certificates, tax annulled..	39.70	
	Errors in charge of tax refunded.....	262.50	
	Total credit.....	\$25,238.06	

Disbursements.

Pay roll, labor.....	\$717.82	
Lumber.....	3,172.72	
Laying stone sidewalk.....	575.62	
Repairing stone sidewalk.....	121.98	
Hardware and nails.....	188.00	
Livery.....	19.28	
Blanks and books.....	5.85	
Inspecting lumber.....	42.07	
Amount turned back by city treasurer, refunded.....	17.08	
Tax refunded, county treasurer's vouchers.....	6,055.12	
Tax annulled, city engineer's vouchers.....	13,261.06	
County treasurer, receiving and filing engineer's vouchers.....	49.68	
County auditor for 752 descriptions, @ 5c.....	37.60	
Total.....	\$24,263.88	
Credit balance carried forward.....	900.15	
	<u>\$25,233.03</u>	<u>\$25,233.03</u>

1892.
Jan'y 1. By credit balance brought forward..... \$900.15

FOURTH WARD SPRINKLING FUND.

Credit.

1891. Jan'y 1. By credit balance brought forward.....		\$2,098.91
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$702.00	
Amount collected by county treasurer to May 31, 1891..	11,337.44	
Amount collected by county treasurer to July 31, 1891..	58.43	
Amount collected by county treasurer to Aug. 31, 1891..	46.06	
Amount collected by county treasurer to Sept. 30, 1891..	45.27	
Amount collected by county treasurer to Oct. 31, 1891..	148.98	
Amount collected by county treasurer to Nov. 30, 1891..	59.22	
Total.....		<u>\$12,397.42</u>
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$42.13	
Amount collected by county treasurer to Feb. 28, 1891..	58.94	
Amount collected by county treasurer to May 31, 1891..	97.75	
Amount collected by county treasurer to Oct. 31, 1891..	44.81	
Total.....		<u>\$243.63</u>
Total credit.....		<u>\$14,739.96</u>

Disbursements.

Pay rolls, sprinkling.....	\$10,545.00	
Hawthorne Park Association, sprinkling.....	1,296.82	
Blanks and books.....	2.76	
Tax refunded, county treasurer's vouchers.....	416.32	
Tax annulled, city engineer's vouchers.....	173.93	
Co. treasurer, receiving and filing engineer's vouchers..	.61	
County auditor, for 3,360 descriptions @ 5c.....	168.00	
County auditor, for 2,529 descriptions @ 3c.....	106.87	
Total.....	<u>\$12,708.31</u>	
Credit balance carried forward.....	2,031.65	
	<u>\$14,739.96</u>	<u>\$14,739.96</u>

2.
Jan'y 1. By credit balance brought forward..... \$2,031.65

FIFTH WARD STREET FUND.

Credit.

1891. Jan'y 1. By credit, balance brought forward ..		\$3,103.38
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$2,111.52	
Amount collected by county treasurer to May 31, 1891..	10,566.80	
Amount collected by county treasurer to July 31, 1891..	44.30	
Amount collected by county treasurer to Aug. 31, 1891..	11.35	
Amount collected by county treasurer to Sept. 30, 1891..	25.06	
Amount collected by county treasurer to Oct. 31, 1891..	153.21	
Amount collected by county treasurer to Nov. 30, 1891..	23.34	
Total.....		<u>\$12,935.58</u>
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$24.57	
Amount collected by county treasurer to Feb. 28, 1891..	41.82	
Amount collected by county treasurer to May 31, 1891..	49.64	
Amount collected by county treasurer to Oct. 31, 1891..	35.08	
Total.....		<u>\$151.11</u>
Eighth ward street fund, sweeping Park avenue.....		180.48
Bonus for grading		97.56
Total credit.....		<u>\$16,468.11</u>

CITY OF MINNEAPOLIS.

Disbursements.

Pay rolls, labor.....	\$12,869.54	
Repairing tools.....	157.17	
Lumber, culverts and cross walks.....	241.11	
Hardware and tools.....	90.34	
Sweeper repairs.....	338.47	
Blanks.....	54	
One patent street sweeper and freight.....	396.56	
Total.....	\$14,093.73	
Credit balance carried forward.....	2,374.38	
Total.....	\$16,468.11	\$16,468.11
1892.		
Jan'y 1. By credit balance brought forward.....		\$2,374.38

FIFTH WARD SIDEWALK FUND.

Credit.

1891.		
Jan'y 1. By credit balance brought forward.....		\$386.74
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$987.89	
Amount collected by county treasurer to May 31, 1891..	8,736.44	
Amount collected by county treasurer to July 31, 1891..	65.53	
Amount collected by county treasurer to Aug. 31, 1891..	37.60	
Amount collected by county treasurer to Sept. 30, 1891..	53.41	
Amount collected by county treasurer to Oct. 31, 1891..	553.63	
Amount collected by county treasurer to Nov. 30, 1891..	26.90	
Total.....		\$10,470.60
Penalties and interest—		
Amount collected by county treasurer to Feb. 28, 1891..	\$108.48	
Amount collected by county treasurer to May 31, 1891..	104.38	
Amount collected by county treasurer to Oct. 31, 1891..	106.55	
Total.....		\$319.41
Advanced by C. P. Lovell and H. W. Brazie, to be refunded July 1, 1892.....		\$2,700.00
Error in charge of engineer's certificates, tax annulled.....		81.63
Warrant cancelled.....		43.00
Total credit.....		\$14,001.38

Disbursements.

Pay rolls, labor.....	\$207.98	
Laying plank sidewalk.....	131.58	
Laying stone sidewalk.....	240.50	
Repairing stone sidewalk.....	41.68	
Hardware and nails.....	72.87	
Lumber.....	1,117.84	
Blanks and books.....	5.85	
Amount turned back by city treasurer, refunded.....	10.80	
Inspecting lumber.....	22.57	
Livery.....	14.22	
Tax refunded, county treasurer's vouchers.....	5,180.20	
Tax annulled, city engineer's vouchers.....	6,986.26	
Co. treasurer, receiving and filing engineer's vouchers.....	24.65	
County auditor, for 535 descriptions @ 5c.....	26.75	
Thad. S. Dickey, checking.....	24.00	
Discount on note of C. P. Lovell and H. W. Brazie.....	72.00	
Total.....	\$14,149.78	
Debit balance carried forward.....		\$148.40
	\$14,149.78	\$14,149.78
1892.		
Jan'y 1. To debit balance brought forward.....		\$148.40

FIFTH WARD SPRINKLING FUND.

Credit.

1891.		
Jan'y 1. By credit balance brought forward.....		\$2,245.40
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$650.19	
Amount collected by county treasurer to May 31, 1891..	12,048.32	
Amount collected by county treasurer to July 31, 1891..	75.24	
Amount collected by county treasurer to Aug. 31, 1891..	19.20	
Amount collected by county treasurer to Sept. 30, 1891..	66.01	
Amount collected by county treasurer to Oct. 31, 1891..	152.47	
Amount collected by county treasurer to Nov. 30, 1891..	17.69	
Total.....		\$13,037.52
Penalties and interest.		
Amount collected by county treasurer to Oct. 31, 1890..	\$30.05	
Amount collected by county treasurer to Feb. 28, 1891..	48.13	
Amount collected by county treasurer to May 31, 1891..	67.15	
Amount collected by county treasurer to Oct. 31, 1891..	46.93	
Total.....		\$192.26
Total credit.....		\$15,475.18

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Disbursements.

Pay rolls, sprinkling.....	\$13,377.35	
Blanks and books.....	2.76	
Sprinkling Park avenue.....	420.00	
Tax refunded, county treasurer's vouchers.....	38.13	
Tax annulled, city engineer's vouchers.....	38.93	
County treasurer receiving and filing engineers vouchers.....	.14	
County auditor for 3613 descriptions @ 5c.....	180.65	
County auditor for 3822 descriptions @ 3c.....	114.66	
Total.....	\$14,172.62	
Credit balance carried forward.....	1,302.56	
	<u>\$15,475.18</u>	<u>\$15,475.18</u>

1892.		
Jan'y 1. By credit balance brought forward.....		\$1,302.56

SIXTH WARD STREET FUND.

Credit.

1891.		
Jan'y 1. By credit balance brought forward.....		\$220.50
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$1,302.24	
Amount collected by county treasurer to May 31, 1891..	7,155.54	
Amount collected by county treasurer to July 31, 1891..	57.19	
Amount collected by county treasurer to Aug. 31, 1891..	18.95	
Amount collected by county treasurer to Sept. 30, 1891..	25.29	
Amount collected by county treasurer to Oct. 31, 1891..	144.40	
Amount collected by county treasurer to Nov. 30, 1891..	54.12	
Total.....		\$8,847.73
Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$31.03	
Amount collected by county treasurer to Feb. 28, 1891..	42.93	
Amount collected by county treasurer to May 31, 1891..	57.63	
Amount collected by county treasurer to Oct. 31, 1891..	36.37	
Total.....		\$168.46
Minneapolis Street Railway Co., bonus for grading, etc..		224.66
Total credit.....		<u>\$9,461.44</u>

Disbursements.

Pay rolls, labor.....	\$8,841.10	
Lumber, culverts and cross-walks.....	260.57	
Hardware and tools.....	22.85	
Blanks.....	.54	
Daniel Finnegan, full settlement, injury.....	100.00	
Total.....	\$9,225.06	
Credit balance carried forward.....	236.38	
	<u>\$9,461.44</u>	<u>\$9,461.44</u>

1892.		
Jan'y 1 By credit balance brought forward.....		\$236.38

SIXTH WARD SIDEWALK FUND.

Credit.

1891.		
Jan'y 1. By credit, balance brought forward.....		\$3,085.99
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$455.21	
Amount collected by county treasurer to May 31, 1891..	8,240.94	
Amount collected by county treasurer to July 31, 1891..	261.98	
Amount collected by county treasurer to Aug. 31, 1891..	9.90	
Amount collected by county treasurer to Sept. 30, 1891..	28.65	
Amount collected by county treasurer to Oct. 31, 1891..	170.45	
Amount collected by county treasurer to Nov. 30, 1891..	12.47	
Total.....		\$9,179.60
Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$68.40	
Amount collected by county treasurer to Feb. 28, 1891..	46.85	
Amount collected by county treasurer to May 31, 1891..	192.44	
Amount collected by county treasurer to Oct. 31, 1891..	70.64	
Total.....		\$378.33
Error in charge of Engineer's certificate tax annulled....		19.80
Total credit....		<u>\$12,663.72</u>

CITY OF MINNEAPOLIS.

Disbursements.

Hardware and nails	\$38.16	
Laying stone sidewalk	223.93	
Repairing stone sidewalk	50.23	
Laying plank sidewalk	164.74	
Lumber	1,652.64	
Livery	21.57	
Blanks and books	5.85	
Inspecting lumber	19.32	
Tax refunded, county treasurer's vouchers	3,188.82	
Tax annulled, city engineer's vouchers	5,975.50	
County treasurer, receiving and filing engineer's vouchers	22.18	
County auditor, for 413 descriptions @ 5c.	20.65	
Total	\$11,433.50	
Credit balance carried forward	1,230.13	
Total	\$12,663.72	\$12,663.72
1892.		
Jan'y 1. By credit balance brought forward		\$1,230.13

SIXTH WARD SPRINKLING FUND

Credit.

1891.		
Jan. 1. By credit balance brought forward		\$770.50
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891 ..	\$287.44	
Amount collected by county treasurer to May 31, 1891 ..	4,361.57	
Amount collected by county treasurer to July 31, 1891 ..	45.31	
Amount collected by county treasurer to Aug. 31, 1891 ..	10.73	
Amount collected by county treasurer to Sept. 30, 1891 ..	29.97	
Amount collected by county treasurer to Oct. 31, 1891 ..	102.83	
Amount collected by county treasurer to Nov. 30, 1891 ..	31.47	
Total		\$4,869.32
Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890 ..	\$25.12	
Amount collected by county treasurer to Feb. 28, 1891 ..	23.11	
Amount collected by county treasurer to May 31, 1891 ..	51.00	
Amount collected by county treasurer to Oct. 31, 1891 ..	28.32	
Total		\$127.55
Total credit		\$5,767.37

Disbursements.

Pay rolls, sprinkling	\$5,427.25	
Blanks and books	1.10	
Tax refunded, county treasurer's vouchers	77.29	
Tax annulled, city engineer's vouchers	23.51	
County auditor, for 1,642 descriptions at 5 c.	82.10	
County auditor, for 1,737 descriptions at 3 c.	52.71	
Total	\$5,663.96	
Credit balance carried forward	103.41	
	\$5,767.37	\$5,767.37

1892.		
Jan. 1. By credit balance brought forward		\$103.41

SEVENTH WARD STREET FUND.

Credit.

1891.		
Jan'y 1. By credit balance brought forward		\$72.11
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891 ..	\$1,347.95	
Amount collected by county treasurer to May 31, 1891 ..	7,994.10	
Amount collected by county treasurer to July 31, 1891 ..	98.68	
Amount collected by county treasurer to Aug. 31, 1891 ..	36.16	
Amount collected by county treasurer to Sep. 30, 1891 ..	48.21	
Amount collected by county treasurer to Oct. 31, 1891 ..	274.77	
Amount collected by county treasurer to Nov. 30, 1891 ..	77.80	
Total		\$9,867.67
Penalties and Interest—		
Amount collected by county treasurer to Feb. 28, 1890 ..	\$70.55	
Amount collected by county treasurer to May 31, 1891 ..	80.07	
Amount collected by county treasurer to Oct. 31, 1891 ..	68.67	
Total		\$219.29
Advanced by Minneapolis Street Railway Co. for grading, to be refunded July 1, 1892		900.00
Earth sold		159.97
City treasurer, unclaimed on pay rolls, to Dec. 31		3.50
Total credit		\$11,222.5

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Disbursements.

1891.			
Jan'y 1.	To debit balance brought forward.....	\$30.02	
	Pay rolls, labor.....	8,789.95	
	Hardware and tools.....	47.28	
	Rental of machinery and tools.....	57.00	
	Repairing tools.....	45.13	
	Lumber, culverts and crosswalks.....	114.74	
	Blanks and books.....	1.50	
	George E. Ledgerwood, dividing tax list.....	25.00	
	Transferred to 12th ward street fund, balance due that fund, occasioned by new ward boundaries.....	1,099.64	
	Time check issued by street commissioner, not on pay rolls.....	7.00	
	Anna and George Brown, full settlement, injury.....	500.00	
	Total.....	\$10,667.85	
	Credit balance carried forward.....	614.69	
		<u>\$11,222.54</u>	<u>\$11,222.54</u>
1892.			
Jan'y 1.	By credit balance brought forward.....		\$614.69

SEVENTH WARD SIDEWALK FUND

Credit.

1891.			
Jan. 1.	By credit balance brought forward.....		\$1,616.12
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$606.95	
	Amount collected by county treasurer to May 31, 1891..	8,980.90	
	Amount collected by county treasurer to July 31, 1891..	101.98	
	Amount collected by county treasurer to Aug. 31, 1891..	101.23	
	Amount collected by county treasurer to Sep. 30, 1891..	157.69	
	Amount collected by county treasurer to Oct. 31, 1891..	560.60	
	Amount collected by county treasurer to Nov. 30, 1891..	178.28	
	Total.....		\$10,667.58
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$23.57	
	Amount collected by county treasurer to Feb. 28, 1891..	48.12	
	Amount collected by county treasurer to May 31, 1891..	26.60	
	Amount collected by county treasurer to Oct. 31, 1891..	138.21	
	Total.....		\$236.50
	Transferred from 12th Ward sidewalk fund. Amount due, occasioned by new Ward boundaries.....	\$30.15	
	Error in charge of engineer's certificates. Tax annulled.....	9.00	
	Error in charge of tax refunded.....	21.00	
	Lumber sold.....	5.30	
	Total credit.....		\$12,585.74

Disbursements.

	Hardware and nails.....	\$127.85	
	Laying plank sidewalk.....	356.91	
	Repairing plank sidewalk.....	12.61	
	Lumber.....	2,397.46	
	Livery.....	14.91	
	Blanks and books.....	5.85	
	Inspecting lumber.....	25.82	
	Tax refunded. County treasurer's vouchers.....	5,757.42	
	Tax annulled. City eng. vouchers.....	3,330.17	
	County treasurer. Receiving and filing eng. vouchers... ..	8.77	
	County auditor for 1,007 descriptions, 5 cents.....	50.35	
	Total.....	\$12,068.12	
	Credit balance carried forward.....	497.62	
		<u>\$12,565.74</u>	<u>\$12,565.74</u>

1892.			
Jan. 1	By credit balance brought forward.....		\$497.62

SEVENTH WARD SPRINKLING FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$552.36
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$ 457.43	
	Amount collected by county treasurer to May 31, 1891..	4,704.85	
	Amount collected by county treasurer to July 31, 1891..	62.03	
	Amount collected by county treasurer to Aug. 31, 1891..	23.11	
	Amount collected by county treasurer to Sept. 30, 1891..	37.70	
	Amount collected by county treasurer to Oct. 31, 1891..	263.68	
	Amount collected by county treasurer to Nov. 30, 1891..	49.94	
	Total		\$5,598.84
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$43.06	
	Amount collected by county treasurer to Feb. 28, 1891..	35.72	
	Amount collected by county treasurer to May 31, 1891..	49.30	
	Amount collected by county treasurer to Oct. 31, 1891..	57.97	
	Total		\$186.05
	Error in charge of engineer's certificates, tax annulled..		7.28
	Total credit		\$6,344.53

Disbursements.

Pay roll, sprinkling.....	\$3,704.10	
Blanks and books.....	1.10	
Transferred to 12th ward sprinkling fund balance due that fund occasioned by new ward boundaries	1,423.41	
Tax refunded, county treasurer's vouchers	339.83	
Tax annulled, city engineer's vouchers.....	547.60	
County treas., receiving and filing engineer's vouchers ..	1.18	
County auditor for 1,991 descriptions at 5c	99.55	
County auditor for 2,133 descriptions at 3c.....	63.99	
Total	\$6,180.85	
Credit balance carried forward	163.68	
	<u>\$6,344.53</u>	\$6,344.53

1892.			
Jan'y 1.	By credit balance brought forward.....		\$163.68

EIGHTH WARD STREET FUND.

Credit.

1891.			
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$ 3,269.85	
	Amount collected by county treasurer to May 31, 1891..	17,484.01	
	Amount collected by county treasurer to July 31, 1891..	338.09	
	Amount collected by county treasurer to Aug. 31, 1891..	225.56	
	Amount collected by county treasurer to Sept. 30, 1891..	140.11	
	Amount collected by county treasurer to Oct. 31, 1891..	861.74	
	Amount collected by county treasurer to Nov. 30, 1891..	211.91	
	Total		\$22,531.27
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$141.87	
	Amount collected by county treasurer to Feb. 28, 1891..	197.92	
	Amount collected by county treasurer to May 31, 1891..	265.71	
	Amount collected by county treasurer to Oct. 31, 1891..	234.82	
	Total		\$840.32
	Amount transferred from permanent improvement fund, this amount having been charged to this fund Nov. 20, 1891, for grading East Lake street		\$2,637.39
	Grading for board of education		56.80
	Earth sold		214.00
	Total credits.....		\$26,279.78

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Disbursements.

1891.			
Jan'y 1.	To debit balance brought forward	\$	5.69
	Pay rolls, labor		16,739.16
	Hardware and tools		88.30
	Two snow plows		13.00
	One road plow		15.00
	Three scrapers		128.00
	One American road machine		225.00
	Lumber culverts and cross walks		919.05
	Fifth ward street fund, sweeping Park avenue		180.48
	Repairing tools		108.62
	Amount turned back by city treasurer, refunded		5.25
	Blanks		54
	Minneapolis St. Ry. Co., advance for grading refunded		900.00
	Credit of Nov. 20, 1890, error, grading West Lake street		2,700.00
	W. J. Bowen, judgment for grading		807.50
	Chas. Filteau, judgment for grading		538.57
	Total	\$23,862.16	
	Credit balance carried forward	2,917.62	
		\$26,279.78	\$26,279.78
1892.			
Jan'y 1.	By credit balance brought forward		\$2,917.62

EIGHTH WARD SIDEWALK FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward		\$2,277.24
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891 ..	\$1,544.90	
	Amount collected by county treasurer to May 31, 1891 ..	23,679.20	
	Amount collected by county treasurer to July 31, 1891 ..	176.26	
	Amount collected by county treasurer to Aug. 31, 1891 ..	139.11	
	Amount collected by county treasurer to Sept. 30, 1891 ..	78.45	
	Amount collected by county treasurer to Oct. 31, 1891 ..	749.62	
	Amount collected by county treasurer to Nov. 30, 1891 ..	250.72	
	Total		\$20,618.26
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890 ..	\$50.15	
	Amount collected by county treasurer to Feb. 28, 1891 ..	146.00	
	Amount collected by county treasurer to May 31, 1891 ..	378.76	
	Amount collected by county treasurer to Oct. 31, 1891 ..	171.51	
	Total		\$746.42
	Error in charge of engineer's certificate, tax annulled ..		\$25.15
	County treasurer's certificate, tax refunded		28.44
	Error in drawing warrant .....		.62
	Total credit		\$20,696.13

Disbursements.

	Laying plank sidewalk	\$664.69	
	Laying stone sidewalk	867.40	
	Repairing stone sidewalk	17.15	
	Hardware and nails	181.96	
	Lumber	3,396.62	
	Livery	18.02	
	Blanks and books	5.85	
	Inspecting lumber	51.82	
	Tax refunded, county treasurer's vouchers	5,672.66	
	Tax annulled, city engineer's vouchers	17,051.70	
	County treasurer, receiving and filing eng'n'r's vouchers ..	65.30	
	County auditor, for 1,034 descriptions @ 5c	51.70	
	Total	\$28,044.91	
	Credit balance carried forward	1,651.22	
		\$29,696.13	\$29,696.13
1892.			
Jan'y 1.	By credit balance brought forward		\$1,651.22

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EIGHTH WARD SPRINKLING FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$4,270 29
	Taxes—		
	Amount collected by county treasurer to Feb. 23, 1891..	\$846.63	
	Amount collected by county treasurer to May 31, 1891..	8,204.41	
	Amount collected by county treasurer to July 31, 1891..	95.57	
	Amount collected by county treasurer to Aug. 31, 1891..	126.90	
	Amount collected by county treasurer to Sep. 30, 1891..	71.03	
	Amount collected by county treasurer to Oct. 31, 1891..	372.13	
	Amount collected by county treasurer to Nov. 30, 1891..	90.50	
	Total.....		\$9,807.17
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$61.37	
	Amount collected by county treasurer to Feb. 23, 1891..	74.21	
	Amount collected by county treasurer to May 31, 1891..	123.08	
	Amount collected by county treasurer to Oct. 31, 1891..	90.84	
	Total.....		\$358.50
	Total credit.....		\$14,435.96

Disbursements.

Pay rolls, sprinkling.....	\$6,526.25	
Sprinkling Park avenue.....	178.00	
Blanks and books.....	2.76	
Tax refunded, county treasurer's vouchers.....	235.79	
Tax annulled, city engineer's vouchers.....	40.26	
County auditor for 3,800, descriptions @ 5c.....	190.00	
County auditor for 4,030, descriptions @ 3c.....	121.17	
Total.....	\$6,296.23	
Credit balance carried forward.....	5,139.73	
Total.....	\$14,435.96	\$14,435.96

1892.			
Jan'y 1.	By credit balance brought forward.....		\$5,139.73

NINTH WARD STREET FUND.

Credit.

1891.			
Jan. 1.	By credit balance brought forward.....		\$89.65
	Taxes—		
	Amount collected by county treasurer to Feb. 23, 1891..	\$963.27	
	Amount collected by county treasurer to May 31, 1891..	8,176.43	
	Amount collected by county treasurer to July 31, 1891..	116.25	
	Amount collected by county treasurer to Aug. 31, 1891..	68.68	
	Amount collected by county treasurer to Sept. 30, 1891..	50.90	
	Amount collected by county treasurer to Oct. 31, 1891..	218.72	
	Amount collected by county treasurer to Nov. 30, 1891..	60.25	
	Total.....		\$9,674.50
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$60.11	
	Amount collected by county treasurer to Feb. 23, 1891..	36.17	
	Amount collected by county treasurer to May 31, 1891..	60.86	
	Amount collected by county treasurer to Oct. 31, 1891..	68.18	
	Total.....		\$225.32
	Board of Education, for grading.....		15.30
	Earth sold.....		168.75
	Total credit.....		\$10,173.52

Disbursements.

Pay rolls, labor.....	\$9,476.67	
Hardware and tools.....	43.57	
Repairing tools.....	49.95	
Lumber, culverts and cross walks.....	79.92	
Blanks.....	.54	
Grading Central avenue.....	296.30	
Gunder Bailey, full settlement injury.....	150.00	
Total.....	\$10,096.95	
Credit balance carried forward.....	76.57	
Total.....	\$10,173.52	\$10,173.52

1892.			
Jan. 1.	By credit balance brought forward.....		\$76.57

NINTH WARD SIDEWALK FUND.

1891.

Credit.

Jan'y 1. By credit balance brought forward.....		\$2,837.23
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$1,444.51	
Amount collected by county treasurer to May 31, 1891..	20,833.20	
Amount collected by county treasurer to July 31, 1891..	419.11	
Amount collected by county treasurer to Aug. 31, 1891..	145.38	
Amount collected by county treasurer to Sept. 30, 1891..	157.22	
Amount collected by county treasurer to Oct. 31, 1891..	457.14	
Amount collected by county treasurer to Nov. 30, 1891..	237.09	
Total.....		\$23,193.66
Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$76.16	
Amount collected by county treasurer to Feb. 28, 1891..	136.44	
Amount collected by county treasurer to May 31, 1891..	178.50	
Amount collected by county treasurer to Oct. 31, 1891..	176.82	
Total.....		\$567.92
Error in charge of engineer's certificate tax annulled....		346.86
Error in charge of tax refunded.....		12.88
Error in drawing warrant.....		100.56
Total credit.....		\$27,159.11

Disbursements.

Laying plank sidewalk.....	\$570.90	
Laying stone sidewalk.....	370.32	
Repairing stone sidewalk.....	132.40	
Livery.....	24.15	
Blanks and books.....	5.85	
Lumber.....	4,149.15	
Inspecting lumber.....	48.57	
Tax refunded county treasurer's vouchers.....	7,238.04	
Tax annulled, city engineer's vouchers.....	12,129.62	
County treasurer, receiving and filing engineer's vouchers	42.45	
County auditor for 1,520 descriptions @ 5c.....	76.00	
Hardware and nails.....	221.35	
Total.....	\$25,008.89	
Credit balance carried forward.....	2,050.22	
Total.....	\$27,059.11	\$27,059.11

1892.

Jan'y 1. By credit balance brought forward	\$2,050.22
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NINTH WARD SPRINKLING FUND.

1891.

Credit.

Jan. 1 By credit balance brought forward.....		\$111.52
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$243.51	
Amount collected by county treasurer to May 31, 1891..	4,134.16	
Amount collected by county treasurer to July 31, 1891..	58.95	
Amount collected by county treasurer to Aug. 31, 1891..	68.00	
Amount collected by county treasurer to Sep. 30, 1891..	29.05	
Amount collected by county treasurer to Oct. 31, 1891..	79.85	
Amount collected by county treasurer to Nov. 30, 1891..	24.06	
Total.....		\$4,637.56
Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$22.68	
Amount collected by county treasurer to Feb. 28, 1891..	17.29	
Amount collected by county treasurer to May 31, 1891..	24.65	
Amount collected by county treasurer to Oct. 31, 1891..	35.37	
Total.....		\$99.99
Total credit.....		\$4,849.09

Disbursements.

Pay rolls, sprinkling..	\$3,822.00	
Blanks.....	.95	
Tax refunded. County treasurer's vouchers.....	312.78	
Tax annulled. City eng. vouchers.....	473.55	
County treasurer. Receiving and filing eng. vouchers...	1.75	
County auditor for 1,374 descriptions, 5 cents.....	68.70	
County auditor for 2,124 descriptions, 3 cents.....	63.72	
Total.....	\$4,743.45	
Credit balance carried forward.....	105.64	
Total.....	\$4,849.09	\$4,849.09

1892.

Jan. 1. By credit balance brought forward.....	\$105.64
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CITY OF MINNEAPOLIS.

TENTH WARD STREET FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$798.91
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$1,667.00	
	Amount collected by county treasurer to May 31, 1891..	5,080.00	
	Amount collected by county treasurer to July 31, 1891..	89.78	
	Amount collected by county treasurer to Aug. 31, 1891..	38.61	
	Amount collected by county treasurer to Sept. 30, 1891..	47.66	
	Amount collected by county treasurer to Oct. 31, 1891..	212.08	
	Amount collected by county treasurer to Nov. 30, 1891..	49.84	
	Total.....		\$8,096.46
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$76.45	
	Amount collected by county treasurer to Feb. 28, 1891..	78.86	
	Amount collected by county treasurer to May 31, 1891..	70.55	
	Amount collected by county treasurer to Oct. 31, 1891..	58.36	
	Total.....		\$284.21
	Minneapolis Street Railway Co. bonus grading.....		125.00
	North Side Street Railway Co. bonus grading.....		175.00
	Transferred from contingent fund grading.....		330.00
	Earth sold.....		338.46
	Total credit.....		\$10,168.03
	<i>Disbursements.</i>		
	Pay rolls, labor.....	\$8,326.90	
	Hardware and tools.....	178.12	
	Lumber, culverts and crosswalks.....	161.95	
	Repairing tools.....	101.34	
	Blanks.....	.54	
	Grading 32d avenue north, contract.....	686.66	
	Total.....	\$9,455.51	
	Credit balance carried forward.....	712.52	
		\$10,168.03	\$10,168.03

1892.			
Jan'y 1.	By credit balance brought forward.....		\$712.52

TENTH WARD SIDEWALK FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$38.47
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$443.92	
	Amount collected by county treasurer to May 31, 1891..	4,668.64	
	Amount collected by county treasurer to July 31, 1891..	104.33	
	Amount collected by county treasurer to Aug. 31, 1891..	51.88	
	Amount collected by county treasurer to Sept. 30, 1891..	20.00	
	Amount collected by county treasurer to Oct. 31, 1891..	44.27	
	Amount collected by county treasurer to Nov. 30, 1891..	54.28	
	Total.....		\$5,387.32
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$28.73	
	Amount collected by county treasurer to Feb. 28, 1891..	29.31	
	Amount collected by county treasurer to May 31, 1891..	29.41	
	Amount collected by county treasurer to Oct. 31, 1891..	33.07	
	Total.....		\$120.52
	Error in pay roll.....		55.61
	Total credit.....		\$5,581.92
	<i>Disbursements.</i>		
	Laying plank sidewalk.....	\$501.71	
	Hardware and nails.....	162.99	
	Blanks and books.....	5.85	
	Lumber.....	2,811.12	
	Inspecting lumber.....	12.82	
	Livery.....	11.97	
	Tax refunded, county treasurer's vouchers.....	754.17	
	Tax annulled, city engineer's vouchers.....	1,437.24	
	County treas., receiving and filing engineer's vouchers..	5.42	
	County auditor for 317 descriptions at 5c.....	15.85	
	Total.....	\$5,719.14	
	Debit balance carried forward.....		\$137.22
		\$5,719.14	\$5,719.14
1892.			
Jan'y 1.	To debit balance brought forward.....		\$137.22

TENTH WARD SPRINKLING FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$251.02
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$44 12	
	Amount collected by county treasurer to May 31, 1891..	650.77	
	Amount collected by county treasurer to Aug. 31, 1891..	3 21	
	Amount collected by county treasurer to Sept. 30, 1891..	4.13	
	Amount collected by county treasurer to Oct. 31, 1891..	8.37	
	Amount collected by county treasurer to Nov. 30, 1891..	9.24	
	Total		\$719.84
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$3.44	
	Amount collected by county treasurer to Feb. 28, 1891..	5.30	
	Amount collected by county treasurer to May 31, 1891..	3.40	
	Amount collected by county treasurer to Oct. 31, 1891..	2.35	
	Total		\$14.49
	Total credit.....		\$085.55

Disbursements.

Pay rolls, sprinkling.....	\$504.00	
Sprinkler repairs.....	6.40	
Blanks.....	.15	
Tax refunded, county treasurer's vouchers.....	12.37	
Tax annulled, city engineer's vouchers.....	13.28	
County auditor, for 171 descriptions @ 5c.....	8.55	
County auditor, for 177 descriptions @ 3c.....	5.31	
Total	\$550.06	
Credit balance carried forward.....	435.89	
	<u>\$085.25</u>	<u>\$085.95</u>
1892.		
Jan'y 1.	By credit balance brought forward.....	\$435.89

ELEVENTH WARD STREET FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$246.60
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$796.40	
	Amount collected by county treasurer to May 31, 1891..	5,379.84	
	Amount collected by county treasurer to July 31, 1891..	61.36	
	Amount collected by county treasurer to Aug. 31, 1891..	26.29	
	Amount collected by county treasurer to Sep. 30, 1891..	48.60	
	Amount collected by county treasurer to Oct. 31, 1891..	283.16	
	Amount collected by county treasurer to Nov. 30, 1891..	32.67	
	Total.....		\$6,628.32
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$37.63	
	Amount collected by county treasurer to Feb. 28, 1891..	43.88	
	Amount collected by county treasurer to May 31, 1891..	75.45	
	Amount collected by county treasurer to Oct. 31, 1891..	62.91	
	Total.....		\$219.90
	Minneapolis Street Railway Co. bonds for grading.....		\$00.00
	Earth sold.....		44.15
	Total credit.....		\$7,938.97

Disbursements.

Pay rolls, labor.....	\$5,553.44	
Hardware and tools.....	52.00	
Repairing tools.....	36.50	
Lumber, culverts and cross walks..	178.29	
Rent of barn for storage.....	12.00	
Blanks.....	.54	
Total.....	\$5,832.77	
Credit balance carried forward.....	2,106.20	
	<u>\$7,938.97</u>	<u>\$7,938.97</u>
1892.		
Jan'y 1.	By credit balance brought forward.....	\$2,106.20

ELEVENTH WARD SIDEWALK FUND.

Credit.

Taxes—	
Amount collected by county treasurer to Feb. 28, 1891..	\$963.70
Amount collected by county treasurer to May 31, 1891..	4,140.51
Amount collected by county treasurer to July 31, 1891..	49.25
Amount collected by county treasurer to Aug. 31, 1891..	47.79
Amount collected by county treasurer to Oct. 31, 1891..	171.38
Amount collected by county treasurer to Nov. 30, 1891..	105.90
Total.....	\$5,478.72
Penalties and Interest—	
Amount collected by county treasurer to Oct. 31, 1890..	\$81.01
Amount collected by county treasurer to Feb. 28, 1891..	105.84
Amount collected by county treasurer to May 31, 1891..	126.82
Amount collected by county treasurer to Oct. 31, 1891..	40.27
Total.....	\$353.94
Error in charge of eng. certificate. Tax annulled.....	12.50
Total credit.....	\$5,845.16

Disbursements.

1891.		
Jan. 1.	To debit balance brought forward.....	\$1,272.75
	Pay rolls, labor.....	90.00
	Laying plank sidewalk.....	20.85
	Hardware and nails.....	50.45
	Lumber.....	612.04
	Inspecting lumber.....	12.82
	Livery.....	14.99
	Blanks and books.....	5.85
	Tax refunded, county treasurer's vouchers.....	1,367.93
	Tax annulled, city eng. vouchers.....	2,972.98
	County treasurer, receiving and filing eng. vouchers.....	8.95
	County auditor, 245 descriptions, 5 cents.....	12.25
	Total.....	\$6,442.06
	Debit balance carried forward.....	\$596.90
		\$6,442.06
		\$6,442.06
1892.		
Jan. 1.	To debit balance brought forward.....	\$596.90

ELEVENTH WARD SPRINKLING FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$672.42
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$508.94	
	Amount collected by county treasurer to May 31, 1891..	6,057.36	
	Amount collected by county treasurer to July 31, 1891..	57.65	
	Amount collected by county treasurer to Aug. 31, 1891..	29.75	
	Amount collected by county treasurer to Sept. 30, 1891..	52.18	
	Amount collected by county treasurer to Oct. 31, 1891..	244.29	
	Amount collected by county treasurer to Nov. 30, 1891..	53.95	
	Total		\$7,094.03
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$36.48	
	Amount collected by county treasurer to Feb. 28, 1891..	54.26	
	Amount collected by county treasurer to May 31, 1891..	74.46	
	Amount collected by county treasurer to Oct. 31, 1891..	47.56	
	Total.....		\$212.76
	Total credit.....		\$7,879.21
	<i>Disbursements.</i>		
	Pay rolls, sprinkling.....	\$6,315.25	
	Blanks and books	1.38	
	Tax refunded, county treasurer's vouchers.....	83.33	
	Tax annulled, city engineer's vouchers	31.35	
	County treasurer, receiving and filing engineer's vouchers	13	
	County auditor, for 2,810 descriptions at 5 c.....	140.50	
	County auditor, for 3,057 descriptions at 3 c.....	91.71	
	Total.....	\$6,663.65	
	Credit balance carried forward.....	1,215.56	
		\$7,879.21	\$7,879.21
1892.			
Jan'y 1..	By credit balance brought forward.....		\$1,215.56

COMPTROLLER'S REPORT.

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TWELFTH WARD STREET FUND.

1891.	<i>Credit.</i>		
Jan'y 1.	By credit balance brought forward.....		\$467.80
	<i>Taxes—</i>		
	Amount collected by county treasurer to Feb. 28, 1891..	\$632.78	
	Amount collected by county treasurer to May 31, 1891..	4,338.52	
	Amount collected by county treasurer to July 31, 1891..	75.05	
	Amount collected by county treasurer to Aug. 31, 1891..	24.51	
	Amount collected by county treasurer to Sept. 30, 1891..	24.05	
	Amount collected by county treasurer to Oct. 31, 1891..	200.97	
	Amount collected by county treasurer to Nov. 30, 1891..	38.72	
	<i>Total</i>		\$5,334.60
	<i>Penalties and interest—</i>		
	Amount collected by county treasurer to Oct. 31, 1890..	\$51.66	
	Amount collected by county treasurer to Feb. 28, 1891..	31.16	
	Amount collected by county treasurer to May 31, 1891..	55.76	
	Amount collected by county treasurer to Oct. 31, 1891..	48.66	
	<i>Total</i>		\$187.26
	Board of Education bonus grading		46.50
	Minneapolis Street Railway Co. bonus grading		95.83
	Earth sold.....		398.74
	Transferred from seventh ward street fund amount due occasioned by new ward boundaries.....		1,039.64
	<i>Total credit</i>		\$7,570.37
	<i>Disbursements.</i>		
	Pay rolls, labor.....	\$7,362.49	
	Hardware and tools	87.07	
	Repairing tools.....	22.95	
	Lumber, culverts and cross walks.....	179.10	
	Blanks .....	.54	
	George E. Ledgewood, dividing tax lists.....	25.00	
	<i>Total</i>	\$7,677.15	
	Debit balance carried forward		\$106.78
	<i>Total</i>	\$7,677.15	\$7,677.15

1892.
Jan'y 1. To debit balance brought forward..... \$106.78

TWELFTH WARD SIDEWALK FUND.

1891.	<i>Credit.</i>		
Jan'y 1.	By credit balance brought forward.....		\$187.16
	<i>Taxes—</i>		
	Amount collected by county treasurer to Feb. 28, 1891..	\$508.09	
	Amount collected by county treasurer to May 31, 1891..	2,801.89	
	Amount collected by county treasurer to July 31, 1891..	27.13	
	Amount collected by county treasurer to Sep. 30, 1891..	.30	
	Amount collected by county treasurer to Oct. 31, 1891..	248.44	
	Amount collected by county treasurer to Nov. 30, 1891..	12.65	
	<i>Total</i>		\$3,598.50
	<i>Penalties and interest—</i>		
	Amount collected by county treasurer to Oct. 31, 1890..	\$29.89	
	Amount collected by county treasurer to Feb. 28, 1891..	51.32	
	Amount collected by county treasurer to May 31, 1891..	99.02	
	Amount collected by county treasurer to Oct. 31, 1891..	41.38	
	<i>Total</i>		\$191.61
	Error in charge of engineer's certificate, tax annulled...		8.27
	<i>Total credit</i>		\$3,985.54
	<i>Disbursements.</i>		
	Laying plank sidewalk.....	\$67.44	
	Hardware and nails.....	29.15	
	Livery.....	7.23	
	Lumber.....	547.51	
	Inspecting Lumber.....	9.57	
	Blanks and books.....	8.85	
	Transferred to 7th ward sidewalk fund, balance due that fund, occasioned by new ward boundaries.....	30.15	
	Tax refunded, county treasurer vouchers.....	1,607.23	
	Tax annulled, city engineer's vouchers.....	1,463.59	
	County treasurer, receiving and filing engineer's vouchers.....	3.19	
	County auditor for 273 descriptions @ 5c.....	13.75	
	<i>Total</i>	\$3,877.66	
	Credit balance carried forward.....	107.88	
		\$3,985.54	\$3,985.54
1892.	Jan'y 1. By credit balance brought forward.....		\$107.88

TWELFTH WARD SPRINKLING FUND.

Credit.

1891.		
Jan'y 1.	By credit balance brought forward.....	\$22.94
	Taxes—	
	Amount collected by county treasurer to Feb. 28, 1891..	\$13.35
	Amount collected by county treasurer to May 31, 1891..	124.58
	Amount collected by county treasurer to July 31, 1891..	24.56
	Amount collected by county treasurer to Aug. 31, 1891..	7.86
	Amount collected by county treasurer to Sept. 30, 1891..	13.92
	Amount collected by county treasurer to Oct. 31, 1891..	2.18
	Amount collected by county treasurer to Nov. 30, 1891..	21.84
	Total.....	\$208.29
	Penalties and interest—	
	Amount collected by county treasurer to Oct. 31, 1890..	\$.42
	Amount collected by county treasurer to Feb. 28, 1891..	.99
	Amount collected by county treasurer to May 31, 1891..	8.65
	Amount collected by county treasurer to Oct. 31, 1891..	7.27
	Total.....	\$17.33
	Transferred from seventh ward sprinkling fund amount due, occasioned by new ward boundaries.....	\$1,423.41
	Total credit.....	\$1,671.97
	<i>Disbursements.</i>	
	Pay rolls, sprinkling.....	\$1,254.12
	Blanks.....	15
	Tax refunded, county treasurer's vouchers.....	30.87
	Tax annulled, city engineer's vouchers.....	34.10
	County auditor, for 53 descriptions @ 5c.....	2.65
	County auditor, for 718 descriptions @ 3c.....	21.54
	Total.....	\$1,343.43
	Credit balance carried forward.....	328.54
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		\$1,671.97 \$1,671.97

1892.

Jan'y 1.	By credit balance brought forward.....	\$328.54
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THIRTEENTH WARD STREET FUND.

Credit.

1891.		
Jan'y 1.	By credit balance brought forward.....	\$7.72
	Taxes—	
	Amount collected by county treasurer to Feb. 28, 1891..	\$1,229.63
	Amount collected by county treasurer to May 31, 1891..	6,760.90
	Amount collected by county treasurer to July 31, 1891..	134.40
	Amount collected by county treasurer to Aug. 31, 1891..	33.08
	Amount collected by county treasurer to Sept. 30, 1891..	39.90
	Amount collected by county treasurer to Oct. 31, 1891..	271.34
	Amount collected by county treasurer to Nov. 30, 1891..	46.62
	Total.....	\$8,515.87
	Penalties and interest—	
	Amount collected by county treasurer to Oct. 31, 1890..	\$58.17
	Amount collected by county treasurer to Feb. 28, 1891..	84.01
	Amount collected by county treasurer to May 31, 1891..	73.95
	Amount collected by county treasurer to Oct. 31, 1891..	71.81
	Total.....	\$287.94
	Board of park commissioners, bonus for grading.....	300.00
	Earth sold.....	150.00
	Error in pay roll.....	8.00
	Total credit.....	\$9,233.81
	<i>Disbursements.</i>	
	Pay roll, labor.....	\$7,383.73
	Hardware and tools.....	26.08
	Repairing tools.....	65.86
	Lumber, culverts and cross-walks.....	140.58
	Blanks.....	54
	Advanced by D. D. Farnsworth refunded.....	291.00
	Total.....	\$7,863.24
	Credit balance carried forward.....	1,370.57
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		\$9,233.81 \$9,233.81
1892.		
Jan'y 1.	By credit balance brought forward.....	\$1,370.57

THIRTEENTH WARD SIDEWALK FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$378.71
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$419.76	
	Amount collected by county treasurer to May 31, 1891..	1,330.23	
	Amount collected by county treasurer to July 31, 1891..	9.00	
	Amount collected by county treasurer to Aug. 31, 1891..	41.55	
	Amount collected by county treasurer to Sept. 30, 1891..	41.10	
	Amount collected by county treasurer to Oct. 31, 1891..	217.10	
	Total.....		\$2,058.74
	Penalties and Interest—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$8.98	
	Amount collected by county treasurer to May 31, 1891..	1.53	
	Amount collected by county treasurer to Oct. 31, 1891..	46.31	
	Total.....		\$56.82
	Error in charge of engineer's certificate, tax annulled....		75.25
	Total credit.....		\$2,590.52

Disbursements.

	Laying plank sidewalk.....	\$157.40	
	Lumber.....	1,348.62	
	Inspecting lumber.....	6.32	
	Livery.....	1.00	
	Hardware and nails.....	62.95	
	Blanks and books.....	5.83	
	Tax refunded, county treasurer's vouchers.....	218.83	
	Tax annulled, city engineer's vouchers.....	402.80	
	Co. treasurer, receiving and filing engineer's vouchers....	1.68	
	County auditor, for 177 descriptions @ 5c.....	8.85	
	Total.....	\$2,304.38	
	Credit balance carried forward.....	286.14	
		\$2,590.52	\$2,590.52
1892.			
Jan'y 1.	By credit balance brought forward.....		\$265.14

THIRTEENTH WARD SPRINKLING FUND.

Credit.

1891.			
Jan. 1.	By credit balance brought forward.....		\$43.64
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$71.46	
	Amount collected by county treasurer to May 31, 1891..	231.02	
	Amount collected by county treasurer to July 31, 1891..	2.52	
	Amount collected by county treasurer to Nov. 30, 1891..	2.94	
	Total.....		\$307.94
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$6.29	
	Amount collected by county treasurer to May 31, 1891..	1.53	
	Amount collected by county treasurer to Oct. 31, 1891..	.37	
	Total.....		\$8.19
	Total credit.....		\$350.77

Disbursements.

	Blanks.....	.15	
	Lakewood Cemetery Association, sprinkling.....	\$200.00	
	Tax refunded. County treasurer's vouchers..	23.54	
	Tax annulled. City eng. vouchers.....	23.88	
	County auditor for 141 descriptions, 5 cents.....	7.05	
	Total.....	\$254.62	
	Credit balance carried forward.....	105.15	
		\$359.77	\$359.77
1892.			
Jan. 1.	By credit balance brought forward.....		\$105.15

CITY PARK FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

A tax not to exceed 1 mill shall be levied upon all the taxable property of the city sufficient to defray the current expense of maintaining the public park system of the city for the next fiscal year.

REVENUE FOR 1892.

Tax levied 1891 for 1892, 8-10 of 1 mill..... \$110,755.65

Credit.

Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$22,497.32	
Amount collected by county treasurer to May 31, 1891..	164,811.19	
Amount collected by county treasurer to July 31, 1891..	1,670.60	
Amount collected by county treasurer to Aug. 31, 1891..	715.77	
Amount collected by county treasurer to Sep. 30, 1891..	703.77	
Amount collected by county treasurer to Oct. 31, 1891..	3,525.57	
Amount collected by county treasurer to Nov. 30, 1891..	1,019.43	
Total.....		\$194,443.65
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$617.16	
Amount collected by county treasurer to Feb. 28, 1891..	700.23	
Amount collected by county treasurer to May 31, 1891..	952.17	
Amount collected by county treasurer to Oct. 31, 1891..	992.35	
Total.....		\$3,261.91
Miscellaneous—		
Proceeds, bills payable, discounted.....		\$54,096.91
W. G. Nye, secretary, collections.....		861.50
Minneapolis Street Railway Co. on account of Hennepin avenue boulevard.....		25,000.00
Boat rentals.....		5,131.77
Sale of privileges.....		1,270.00
Sale of buildings.....		1,857.00
Sale of trees.....		1,312.25
Total credits.....		\$291,234.99

Debit.

1891.		
Jan'y 1.	To debit balance brought forward.....	\$1,943.56
	To interest on city park bonds, etc.....	32,633.57
	To salaries and expenses.....	15,458.90
	To bills payable paid.....	100,999.75
	To lands purchased.....	44,575.48
	To improvements.....	41,925.81
	To care and maintenance of parks, etc.....	41,389.25
	To trees and planting.....	4,598.80
	To tools and miscellaneous supplies.....	2,078.13
	Total.....	\$288,603.25
	Credit balance carried forward.....	2,631.74
	Total.....	\$291,234.99
1892.		
Jan'y 1.	By credit balance brought forward.....	\$2,631.74

The Department of Charities and Corrections.

HOW CREATED.

Senate file No. 896, Special Laws of the State of Minnesota, session 1891. Having charge of the management and control of the poor department, city hospital and work house of the city of Minneapolis.

1891.

Credit.

July 1. By unexpended balance for the year of 1891 of amounts appropriated for the maintenance of the following departments:

Work house.....	\$10,014.57	
City hospital.....	5,533.80	
Poor department.....	16,481.09	
City physician.....	750.00	
Assistant city physician.....	450.00	
Total.....		\$33,229.46
John West, supt. of work house collections.....		51.07
C. L. Snyder, secretary, etc., work house collections.....		66.28
Total credit.....		\$33,346.81

<i>Disbursements.</i>		
Poor Department—		
Hennepin county poor farm, care of poor.....	\$1,570.57	
Hospitals, care of sick.....	1,787.63	
Burials.....	433.00	
Transportation.....	349.09	
Incidentals.....	124.35	
Medicines.....	148.92	
Telephone service.....	45.00	
Stationery.....	10.79	
Groceries.....	1,576.15	
Conveyance.....	117.50	
Fuel.....	347.45	
Blank books.....	21.50	
Trusses.....	24.50	
Nursing.....	96.58	
Advertising.....	63.63	
Salaries.....	1,309.98	
Total.....		\$8,116.64
City Hospital—		
Salaries, city physician, assistant, and hospital employees.....	\$2,871.67	
Wines and liquors.....	95.80	
Printing and stationery.....	25.25	
Drugs.....	275.05	
Surgical instruments and appliances.....	260.30	
Groceries and provisions.....	598.90	
Meats.....	314.35	
Fuel and lights.....	409.04	
Rent.....	240.00	
Am. Dist. Tel Co. and N. W. Telephone Co., services.....	23.30	
Scavenger services.....	12.00	
Furniture and fixtures.....	25.90	
Incidentals.....	101.97	
Milk.....	403.28	
Dry goods.....	105.37	
Repairs to building.....	117.19	
Flour.....	86.00	
Insurance.....	30.00	
Total.....		\$5,995.37
Miscellaneous office expense.....		73.00
Work House—		
Salaries.....	\$5,053.74	
Insurance.....	593.75	
Printing and stationery.....	18.23	
Tools.....	4.85	
Fuel and light.....	152.79	
Expense account.....	294.90	
Building and repairs.....	278.45	
Clothing and bedding.....	374.03	
Living.....	1,156.05	
Medical expense.....	35.87	
Farm and garden.....	2.80	
Feed.....	488.57	
House furnishings.....	288.23	
Stock, harness and implements.....	16.38	
Total.....		\$8,756.64
Total debit.....		\$22,943.65
Credit balance carried forward.....		10,403.16

1892.

Jan'y 1. By credit balance brought forward..... \$10,403.16

Trial Balance, "General Ledger," Jan. 1, 1892.

K. Kortgaard, city treasurer.....	\$210,044.20	
General fund.....		\$48,109.46
Permanent improvement fund.....		27,070.17
Waterworks fund.....		12,462.31
Permanent improvement revolving fund.....	73,516.44	
City park fund.....		2,631.74
Sinking fund.....		731,629.59
Board of sinking fund commissioners.....	731,629.59	
The department of charities and corrections fund.....		10,403.16
First ward street fund.....		101.17
First ward sidewalk fund.....	641.68	
First ward sprinkling fund.....		43.99
Second ward street fund.....		1,373.16
Second ward sidewalk fund.....	445.44	
Second ward sprinkling fund.....		970.30
Third ward street fund.....		976.90
Third ward sidewalk fund.....		2,289.57
Third ward sprinkling fund.....		5,896.88
Fourth ward street fund.....		161.16
Fourth ward sidewalk fund.....		969.15
Fourth ward sprinkling fund.....		2,031.65
Fifth ward street fund.....		2,374.38
Fifth ward sidewalk fund.....	148.40	
Fifth ward sprinkling fund.....		1,302.56
Sixth ward street fund.....		236.38
Sixth ward sidewalk fund.....		1,230.13
Sixth ward sprinkling fund.....		103.41
Seventh ward street fund.....		614.69
Seventh ward sidewalk fund.....		497.62
Seventh ward sprinkling fund.....		163.66
Eighth ward street fund.....		2,917.62
Eighth ward sidewalk fund.....		1,651.22
Eighth ward sprinkling fund.....		5,139.73
Ninth ward street fund.....		76.57
Ninth ward sidewalk fund.....		2,050.22
Ninth ward sprinkling fund.....		105.64
Tenth ward street fund.....		712.52
Tenth ward sidewalk fund.....	137.22	
Tenth ward sprinkling fund.....		435.89
Eleventh ward street fund.....		2,106.20
Eleventh ward sidewalk fund.....	596.90	
Eleventh ward sprinkling fund.....		1,215.56
Twelfth ward street fund.....	106.78	
Twelfth ward sidewalk fund.....		107.86
Twelfth ward sprinkling fund.....		328.54
Thirteenth ward street fund.....		1,376.31
Thirteenth ward sidewalk fund.....		265.14
Thirteenth ward sprinkling fund.....		105.15
Interest fund.....		50,730.48
City park warrants.....		89.57
Warrants.....		92,251.93
The department of charities and corrections warrants.....		1,907.27
City bonds.....		7,540,500.00
City park bonds.....	748,000.00	
City of Minneapolis.....		12,162,273.72
Board of education bonds.....	512,500.00	
Board of park commissioners.....	21,550.43	
Public library bonds.....	100,000.00	
New court house and city hall bonds.....	700,000.00	
Hennepin county.....	517,665.18	
Bridges over Mississippi river.....	915,411.69	
Bridges over Bassett's creek.....	75,836.11	
Board of education, property account.....	2,229,595.63	
Parks, parkways and boulevards.....	4,064,200.82	
Sundry bridges.....	66,165.41	
North side pumping station.....	278,646.10	
East side pumping station.....	114,550.86	
Water mains.....	2,053,239.86	
Fire department property account.....	367,837.16	
Asphalt pavement.....	58,218.95	
Miscellaneous property.....	15,528.54	
Granite block pavement.....	296,866.77	
Cedar block pavement.....	809,576.04	
Curb and gutters.....	546,570.30	
Boulder pavement.....	4,756.35	
Sewer system.....	3,225,145.10	
Viaducts and bridges over and under railway tracks.....	135,840.21	
Library board property account.....	340,959.60	
North Minneapolis pumping station.....	241,015.71	
City hall, old.....	256,121.85	
Quarantine hospital.....	8,207.00	
Workhouse.....	181,189.26	
Police department property account.....	78,950.36	
City hall, new.....	1,000,000.00	
Miscellaneous personal property account.....	246,204.22	
Tax levy 1886 and prior years.....		52,334.15
Tax levy 1887.....		19,136.79
Tax levy 1888.....		41,500.77
Tax levy 1889.....		91,148.34
Tax levy 1890.....		312,195.38

\$21,237,705.64 \$21,237,705.64

SCHOOL FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

A tax not to exceed 3 mills shall be levied upon all taxable property of the city, sufficient to defray the current expenses of the public schools of the city of Minneapolis, together with one mill of the 2 mill state tax, also per capita of the state school fund.

REVENUE FOR 1892.

Tax levied 1891 for 1892, 3 mill special.....	\$415,333.68
" " " " " 1 mill state.....	138,444.56
	<u>\$553,778.24</u>

The apportionment paid by the state from the state school fund in 1891, was \$84,102.20.

Credit.

1891.		
Jan'y 1. By credit balance brought forward.....		\$945.62
Taxes—		
Amount collected by county treasurer to Feb'y 28 1891..	\$88,547.26	
Amount collected by county treasurer to May 31, 1891..	384,980.80	
Amount collected by county treasurer to July 31, 1891..	3,077.17	
Amount collected by county treasurer to Aug. 31, 1891..	1,578.95	
Amount collected by county treasurer to Sept. 30, 1891..	1,622.10	
Amount collected by county treasurer to Oct. 31, 1891..	8,854.21	
Amount collected by county treasurer to Nov. 30, 1891..	1,985.53	
Total.....		\$490,655.11
Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$1,744.86	
Amount collected by county treasurer to Feb. 28, 1891..	2,857.60	
Amount collected by county treasurer to May 31, 1891..	3,393.57	
Amount collected by county treasurer to Oct. 31, 1891..	2,410.41	
Total.....		\$10,406.44
State apportionment.....		84,102.20
Bills payable, proceeds of.....		248,741.00
Advances for sewer construction and laying water mains refunded.....		6,050.10
Refunded on pay roll—errors.....		265.78
Tuition.....		308.45
Miscellaneous collections.....		430.35
Total credit.....		<u>\$841,974.05</u>

Disbursements.

Bills payable.....	\$299,000.00	
Furniture.....	2,214.52	
Permanent improvements.....	12,270.87	
Interest.....	37,709.36	
Incidentals.....	7,287.04	
Insurance.....	4,137.13	
Janitors.....	34,139.82	
Teachers.....	394,409.98	
Rent.....	2,723.22	
Apparatus.....	498.38	
Fuel and Lights.....	18,471.14	
Supplies.....	8,001.32	
Repairs.....	15,428.03	
Grading.....	358.22	
Total.....	\$836,649.03	
Credit balance carried forward.....	5,325.02	
	<u>\$841,974.05</u>	<u>\$841,974.05</u>
1892.		
Jan'y 1. By credit balance brought forward.....		\$5,325.02

TRIAL BALANCE.

"Board of Education" Trial Balance, January 1, 1892.

K. Kortgaard city treasurer.....	\$7,090.88	
School fund.....		\$5,325.02
Warrant account.....		2,874.86
Bonds, east and west division.....		18,000.00
Real estate.....	73,528.27	
City of Minneapolis bonds.....		494,500.00
Board of education.....		1,221,317.91
Bills payable.....		108,741.00
Furniture.....	90,903.35	
Hennepin county.....	108,354.70	
Tax levy 1886 and prior years.....		8,406.79
Tax levy 1887.....		6,308.12
Tax levy 1888.....		7,329.66
Tax levy 1889.....		19,906.64
Tax levy 1890.....		66,223.48
Everitt school.....	36,039.96	
Franklin school.....	34,563.41	
Humbolt school.....	22,814.83	
Jefferson school.....	34,809.77	
Jackson school.....	40,539.58	
Lincoln school.....	26,257.31	
Madison school.....	71,831.24	
Marcy school.....	26,252.31	
Monroe school.....	39,130.21	
Winthrop school.....	57,625.67	
Webster school.....	39,932.30	
Clay school.....	26,233.77	
Garfield school.....	28,275.08	
Hawthorn school.....	20,478.33	
Douglass school.....	1,199.65	
Tuttle school.....	18,406.52	
Lyndale school.....	25,812.25	
Irving school.....	21,685.70	
Harrison school.....	28,156.68	
Prescott school.....	27,878.11	
Emerson school.....	54,350.90	
Motley school.....	35,671.16	
Lowell school.....	40,639.22	
Holland school.....	24,762.40	
Horace Mann school.....	25,906.73	
Longfellow school.....	31,178.27	
Peabody school.....	35,721.47	
Calhoun school.....	35,330.22	
Bremer school.....	27,125.04	
Seward school.....	40,514.85	
Washington school.....	99,802.65	
Central High school.....	160,519.66	
Adams school.....	64,586.42	
Sumner school.....	31,886.64	
Whittier school.....	21,535.21	
North side high school.....	74,918.26	
Greely school.....	50,382.10	
Corcoran school.....	27,604.11	
Bancroft school.....	21.25	
Grant school.....	33,240.88	
Clinton school.....	32,530.77	
Minnehaha school.....	20,161.49	
Hamilton school.....	13,567.55	
Schiller school.....	14,378.02	
Holmes school.....	35,280.44	
	<u>\$ 1,958,913.49</u>	<u>\$1,958,913.49</u>

LIBRARY FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

A tax not to exceed 5-10 of 1 mill shall be levied upon all the taxable property of the city, sufficient to maintain and govern the public library of the city for the next fiscal year.

REVENUE FOR 1892.

Tax levied 1891 for 1892, 4-10 of 1 mill..... \$55,377.82

Credit.

1891. Jan'y 1. By credit balance brought forward		\$25.31
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$11,492.30	
Amount collected by county treasurer to May 31, 1891..	50,944.51	
Amount collected by county treasurer to July 31, 1891..	413.13	
Amount collected by county treasurer to Aug. 31, 1891..	209.15	
Amount collected by county treasurer to Sept. 30, 1891..	215.97	
Amount collected by county treasurer to Oct. 31, 1891..	1,104.33	
Amount collected by county treasurer to Nov. 30, 1891..	261.33	
Total		\$64,640.42
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$196.32	
Amount collected by county treasurer to Feb. 28, 1891..	320.00	
Amount collected by county treasurer to May 31, 1891..	424.62	
Amount collected by county treasurer to Oct. 31, 1891..	312.82	
Total		\$1,253.66
Bills payable		10,400.00
Herbert Putnam, librarian, miscellaneous collections...		1,786.82
Elisha Morse, subscription		400.00
Interest charged on library board bonds refunded.....		6,450.00
Total credit.....		\$85,056.21

Disbursements.

Building	\$549.39
Bills payable	27,500.00
Books	7,070.48
Furniture	814.81
Interest	5,410.71
Incidentals	997.46
Supplies	1,600.68
Fuel	1,487.28
Periodicals	2,320.17
Lights	2,558.05
Insurance	153.75
Salaries	15,011.54
Janitors	3,464.45
Binding	2,637.41
Printing	338.38
Rent	246.66
Repairs	889.37
Furnishings	884.30
Total	\$73,934.89
Credit balance carried forward	11,121.32

1892. Jan'y 1. By credit balance brought forward		\$85,056.21	\$85,056.21
			\$11,121.32

TRIAL BALANCE.*"Board of Library Commissioners' " Trial Balance, January 1, 1892.*

K. Kortgaard, city treasurer	\$11,189.46	
Library fund		\$11,121.32
Warrants		68 14
City of Minneapolis bonds.....		100,000.00
Real estate	58,867.80	
Building	240,800.20	
Board of library commissioners.....		252,886.81
Books.....	26,945.82	
Furniture	17,263.81	
Hennepin county	13,282.61	
Tax levy 1886 and prior years.....		498.79
Tax levy 1887		734.73
Tax levy 1888		849.66
Tax levy 1889		2,548.22
Tax levy 1890		8,651.22
Total	\$377,358.88	\$377,358.88

ANNUAL REPORT
CITY TREASURER,
1891.

CITY TREASURER'S DEPARTMENT.

K. KORTGAARD,

City Treasurer.

J. J. ANKENY,

Assistant Treasurer.

ALGATE ANDERSON,

Teller.

R. B. ROCHE.

Bookkeeper.

CITY TREASURER'S REPORT.

MINNEAPOLIS, MINN., December 31, 1891.

To the Honorable City Council of the City of Minneapolis:

GENTLEMEN:—In compliance with section 21, chapter 3, of the city charter, I herewith submit statement, including the sinking fund, public library, city park and board of education, showing receipts and disbursements of my office for the fiscal year ending December 31, 1891.

Respectfully yours,

K. KORTGAARD, *City Treasurer.*

GENERAL FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$98,576.37
Receipts.....	1,032,641.98
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$1,082,092.81
Present balance.....	48,525.54
	\$1,181,218.35 \$1,181,218.35

INTEREST FUND

<i>Receipts.</i>	
From balance January 1, 1891.....	\$74,649.65
Receipts.....	243,930.83
<i>Disbursements.</i>	
Coupons paid.....	\$287,850.00
Present balance.....	50,730.48
	\$318,580.48 \$318,580.48

PERMANENT IMPROVEMENT FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$264,955.43
Receipts.....	233,217.02
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$454,264.56
Present balance.....	43,907.89
	\$498,172.45 \$498,172.45

WATER WORKS FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$70,860.16
Receipts.....	275,314.87
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$332,457.07
Present balance.....	13,747.96
Total.....	\$346,205.03 \$346,205.03

CITY PARKS FUND.

<i>Receipts.</i>	
From balance Januray 1, 1891.....	\$10,142.77
Receipts.....	291,234.99
<i>Dssbursements.</i>	
Comptroller's warrants paid.....	\$298,656.45
Present balance.....	2,721.31
Total.....	\$301,377.76 \$301,377.76

CITY OF MINNEAPOLIS.

PERMANENT IMPROVEMENT REVOLVING FUND.

<i>Receipts.</i>		
Receipts.....		\$874,490.61
<i>Disbursements.</i>		
Account overdrawn Jan'y 1, 1891.....	\$181,568.61	
Comptroller's warrants paid.....	879,482.55	
Interest paid on permanent improvement revolving bonds.....	16,160.00	
Account overdrawn.....		2,720.55
Total.....	\$877,211.16	\$877,211.16

LIBRARY FUND.

<i>Receipts.</i>		
From balance January 1, 1891.....		\$25.31
Receipts.....		84,935.31
<i>Disbursements.</i>		
Comptroller's warrants paid.....	\$73,771.16	
Present balance.....	11,189.46	
	\$84,960.62	\$84,960.62

BOARD OF EDUCATION.

<i>Receipts.</i>		
From balance January 1, 1891.....		\$1,025.56
Receipts.....		841,028.43
<i>Disbursements.</i>		
Comptroller's warrants paid.....	\$808,404.11	
Interest paid on school bonds.....	25,370.00	
Present balance.....	7,999.88	
	\$842,063.99	\$842,063.99

DEPARTMENT OF CHARITIES AND CORRECTIONS.

<i>Receipts.</i>		
From unexpended appropriations from general fund.....		\$33,229.46
Receipts.....		117.85
<i>Disbursements.</i>		
Comptroller's warrants paid.....	\$21,036.38	
Present balance.....	12,310.43	
	\$33,346.81	\$33,346.81

SINKING FUND.

<i>Receipts.</i>		
From Taxes.....		\$132,709.00
<i>Disbursements.</i>		
Comptroller's warrants paid.....	\$132,709.00	
	\$132,709.00	\$132,709.00

BOARD OF SINKING FUND COMMISSIONERS.

Securities on hand January 1, 1891.....		\$659,733.09
<i>Receipts.</i>		
Interest.....	\$24,187.50	
Taxes.....	132,709.00	\$156,896.50
		\$816,629.59
<i>Disbursements.</i>		
Matured bonds.....	\$85,000.00	
Board of Education note due July 1, 1892.....	87,741.00	
Cash.....	11,888.59	\$184,629.59
Securities in Sinking fund January 1, 1892.....		\$632,000.00
Bonds of the City of Minneapolis—		
Nos. 491— 512 inclusive, 5 percent interest.....	\$22,000.00	
“ 1174—1208 “ 4½ “ “	36,000.00	
“ 1504—1534 “ 4½ “ “	31,000.00	
“ 1535—1555 “ 4½ “ “	21,000.00	
“ 1556—1603 “ 4½ “ “	48,000.00	
“ 1984—2043 “ 4 “ “	60,000.00	
“ 3530—3638 “ 4 “ “	100,000.00	
“ 4054—4153 “ 4 “ “	100,000.00	
“ 5184—5196 “ 4 “ “	15,000.00	
“ 5199—5396 “ 4 “ “	200,000.00	

TREASURER'S REPORT.

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MATURED BONDS.

Receipts.

From board of sinking fund commissioners.....	\$85,000.00
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Disbursements

Matured bonds, see comptroller's report sinking fund	\$85,000.00	
	<u>\$85,000.00</u>	<u>\$85,000.00</u>

FIRST WARD—STREET FUND.

Receipts.

From balance January 1, 1891.....	\$27.49
Receipts.....	8,485.15

Disbursements.

Comptroller's warrants paid.....	\$8,390.47	
Present balance.....	122.17	
	<u>\$8,512.64</u>	<u>\$8,512.64</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....	\$618.83
Receipts.....	10,601.12

Disbursements.

Comptroller's warrants paid.....	\$11,052.77	
Present balance.....	167.18	
	<u>\$11,219.95</u>	<u>\$11,219.95</u>

STREET SPRINKLING FUND.

Receipts.

From balance January 1, 1891.....	\$747.68
Receipts.....	4,701.01

Disbursements.

Comptroller's warrants paid.....	\$5,404.70	
Present balance.....	43.99	
	<u>\$5,448.69</u>	<u>\$5,448.69</u>

SECOND WARD—STREET FUND.

Receipts.

From balance January 1, 1891.....	\$1,443.13
Receipts.....	10,179.19

Disbursements.

Comptroller's warrants paid.....	\$10,249.16	
Present balance.....	1,373.16	
	<u>\$11,622.32</u>	<u>\$11,622.32</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....	\$10.73
Receipts.....	14,641.46

Disbursements.

Comptroller's warrants paid.....	\$14,789.49	
Present debit balance.....	137.30	
	<u>\$14,789.49</u>	<u>\$14,789.49</u>

CITY OF MINNEAPOLIS.

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$912.76
Receipts.....	6,380.68
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$6,304.14
Present balance.....	970.30
	<u>\$7,274.44</u>
	<u>\$7,274.44</u>

THIRD WARD—STREET FUND

<i>Receipts.</i>	
From balance January 1, 1891.....	\$5,416.79
Receipts.....	26,001.80
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$30,436.75
Present balance.....	\$91.84
	<u>\$31,418.50</u>
	<u>\$31,418.50</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$506.65
Receipts.....	34,389.19
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$32,368.25
Present balance.....	2,527.59
	<u>\$34,895.84</u>
	<u>\$34,895.84</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$5,747.74
Receipts.....	9,198.21
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$9,043.07
Present balance.....	5,902.88
	<u>\$14,945.95</u>
	<u>\$14,945.95</u>

FOURTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$29.23
Receipts.....	39,716.04
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$39,465.33
Present balance.....	279.94
	<u>\$39,745.27</u>
	<u>\$39,745.27</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$2,163.18
Receipts.....	23,084.75
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$24,273.58
Present balance.....	974.85
	<u>\$25,247.93</u>
	<u>\$25,247.93</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$2,100.16
Receipts.....	12,641.05
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$12,707.68
Present balance.....	2,083.53
	<u>\$14,741.21</u>
	<u>\$14,741.21</u>

TREASURER'S REPORT.

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FIFTH WARD—STREET FUND.

Receipts.

From balance January 1, 1891		\$3,103.38
Receipts.....		13,364.73

Disbursements.

Comptroller's warrants paid.....	\$14,068.73	
Present balance.....	2,374.38	
	<u>\$16,468.11</u>	<u>\$16,468.11</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....		\$386.74
Receipts.....		13,571.64

Disbursements.

Comptroller's warrants paid.....	\$14,059.95	
Present debit balance.....		101.57
	<u>\$14,059.95</u>	<u>\$14,059.95</u>

SPRINKLING FUND.

Receipts.

From balance January 1, 1891		\$2,245.40
Receipts.....		13,229.78

Disbursements.

Comptroller's warrants paid.....	\$14,172.62	
Present balance.....	1,302.56	
	<u>\$15,475.18</u>	<u>\$15,475.18</u>

SIXTH WARD—STREET FUND.

Receipts.

From balance January 1, 1891		\$220.50
Receipts.....		9,240.85

Disbursements.

Comptroller's warrants paid.....	\$9,225.06	
Present balance.....	236.38	
	<u>\$9,461.44</u>	<u>\$9,461.44</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891		\$3,085.99
Receipts.....		9,577.73

Disbursements.

Comptroller's warrants paid.....	\$11,379.51	
Present balance.....	1,284.21	
	<u>\$12,663.72</u>	<u>\$12,663.72</u>

SPRINKLING FUND.

Receipts.

From balance January 1, 1891		\$770.50
Receipts.....		4,906.87

Disbursements.

Comptroller's warrants paid.....	\$5,663.06	
Present balance.....	103.41	
	<u>\$5,767.37</u>	<u>\$5,767.37</u>

SEVENTH WARD—STREET FUND.

Receipts.

Receipts.....		\$11,222.54
From debit balance January 1, 1891.....	\$30.02	

Disbursements.

Comptrollers warrants paid.....	10,577.83	
Present balance.....	614.60	
	<u>\$11,222.54</u>	<u>\$11,222.54</u>

CITY OF MINNEAPOLIS.

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....		\$1,616.12
Receipts.....		10,960.62

Disbursements.

Comptroller's warrants paid.....	\$11,962.43	
Present balance.....	623.31	
	<u>\$12,585.74</u>	<u>\$12,585.74</u>

SPRINKLING FUND.

Receipts.

From balance January 1, 1891.....		\$552.36
Receipts.....		5,792.17

Disbursements.

Comptroller's warrants paid.....	\$6,180.85	
Present balance.....	163.68	
	<u>\$6,344.53</u>	<u>\$6,344.53</u>

EIGHTH WARD—STREET FUND.

Receipts.

Receipts.....		\$26,279.78
From debit balance January 1, 1891.....	\$5.89	

Disbursements.

Comptroller's warrants paid.....	23,256.47	
Present balance.....	2,917.62	
Total.....	<u>\$26,279.78</u>	<u>\$26,279.78</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....		\$2,300.31
Receipts.....		27,418.27

Disbursements.

Comptroller's warrants paid.....	\$28,045.58	
Present balance.....	1,073.00	
Total.....	<u>\$29,718.56</u>	<u>\$29,718.56</u>

SPRINKLING FUND.

Receipts.

From balance January 1, 1891.....		\$4,270.29
Receipts.....		10,165.67

Disbursements.

Comptroller's warrants paid.....	\$9,293.94	
Present balance.....	5,142.02	
Total.....	<u>\$14,435.96</u>	<u>\$14,435.96</u>

NINTH WARD—TREET FUND.

Receipts.

From balance January 1, 1891.....		\$89.65
Receipts.....		10,063.87

Disbursements.

Comptrollers warrants paid.....	\$10,094.00	
Present balance.....	79.52	
	<u>\$10,173.52</u>	<u>\$10,173.52</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....		\$2,837.23
Receipts.....		24,121.82

Disbursements.

Comptrollers warrant paid.....	\$24,759.77	
Present balance.....	2,196.78	
	<u>\$26,956.55</u>	<u>\$26,956.55</u>

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SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$111.52
Receipts.....	4,737.57
<i>Disbursements.</i>	
Comptrollers warrants paid.....	\$4,743.45
Present balance.....	105.64
	<u>\$4,849.09</u>
	<u>\$4,849.09</u>

TENTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$798.91
Receipts.....	9,369.12
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$9,428.63
Present balance.....	789.40
	<u>\$10,168.03</u>
	<u>\$10,168.03</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$738.47
Receipts.....	5,543.45
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$5,642.46
Present debit balance.....	60.56
	<u>\$5,642.48</u>
	<u>\$5,642.48</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$251.62
Receipts.....	724.33
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$548.56
Present balance.....	437.39
	<u>\$985.95</u>
	<u>\$985.95</u>

ELEVENTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$373.64
Receipts.....	7,692.37
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$5,969.81
Present balance.....	2,106.20
	<u>\$8,066.01</u>
	<u>\$8,066.01</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$93.41
Receipts.....	5,845.16
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$5,651.34
Present balance.....	287.23
	<u>\$5,938.57</u>
	<u>\$5,938.57</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$572.42
Receipts.....	7,306.79
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$6,653.65
Present balance.....	1,215.56
	<u>\$7,879.21</u>
	<u>\$7,879.21</u>

CITY OF MINNEAPOLIS.

TWELFTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$471.85
Receipts.....	7,102.57
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$7,663.38
Present debit balance.....	898.96
	<u>\$7,663.38</u>
	<u>\$7,663.38</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$187.16
Receipts.....	3,798.26
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$3,832.97
Present balance.....	152.57
	<u>\$3,985.54</u>
	<u>\$3,985.54</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$22.04
Receipts.....	1,649.08
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$1,343.43
Present balance.....	328.54
	<u>\$1,671.97</u>
	<u>\$1,671.97</u>

THIRTEENTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$7.73
Receipts.....	9,331.92
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$7,863.34
Present balance.....	1,376.31
	<u>\$9,239.65</u>
	<u>\$9,239.65</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$378.71
Receipts.....	2,190.81
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$2,304.38
Present balance.....	265.14
	<u>\$2,569.52</u>
	<u>\$2,569.52</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$43.64
Receipts.....	316.13
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$254.62
Present balance.....	105.15
	<u>\$359.77</u>
	<u>\$359.77</u>

TREASURER'S REPORT.

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TOTAL RECEIPTS AND DISBURSEMENTS.

	BALANCE JAN. 1, 1891.		Receipts.	Disbursements.	BALANCE DEC. 31, 1891.	
	Debit.	Credit.			Debit.	Credit.
City of Minneapolis.....						
General fund.....	\$383,108.87	698,575.37	31,022,641.96	81,022,022.81	\$229,233.63	848,528.54
Interest fund.....		74,649.65	243,680.83	267,880.00		50,720.48
Primaire improvement fund.....		264,855.43	253,217.02	454,264.56		43,977.80
Water works fund.....		70,800.16	275,344.87	323,437.07		13,747.96
City parks fund.....		10,142.77	201,224.90	298,656.45		2,721.81
Primaire improvement revolving fund.....	181,568.61		874,490.61	877,211.16	2,720.55	
Library fund.....		25.31	84,025.31	73,771.16		11,180.46
Board of education fund.....		1,035.56	84,025.31	84,025.31		2,990.88
Department of charities and corrections fund.....			132,709.00	132,709.00		12,310.43
Sinking fund.....			85,000.00	85,000.00		
Matured bond fund.....			8,485.15	8,300.47		
First ward street fund.....		27.40	10,801.12	11,062.77		122.17
First ward sidewalk fund.....		747.68	4,701.01	5,404.70		167.18
First ward sprinkling fund.....		1,443.13	10,179.19	10,260.16		43.99
Second ward street fund.....		10.73	14,641.48	14,789.49		1,379.16
Second ward sidewalk fund.....		912.78	4,361.68	5,304.14		
Second ward sprinkling fund.....		5,418.70	28,001.80	30,464.75		970.30
Third ward street fund.....		606.45	34,386.19	35,008.25		981.84
Third ward sidewalk fund.....		5,717.51	30,176.54	36,042.07		2,527.50
Third ward sprinkling fund.....		39.52	23,044.73	23,086.23		5,099.88
Fourth ward street fund.....		2,163.18	12,641.06	14,707.88		970.94
Fourth ward sidewalk fund.....		3,108.35	13,854.73	14,063.73		970.94
Fourth ward sprinkling fund.....		2,868.74	12,671.04	14,063.73		2,663.53
Fifth ward street fund.....		2,846.40	12,239.78	14,063.73		2,663.53
Fifth ward sidewalk fund.....		3,060.99	9,230.85	14,172.62	101.57	
Fifth ward sprinkling fund.....		770.50	4,986.87	11,379.51		1,302.56
Sixth ward street fund.....			11,222.54	10,663.96		980.38
Sixth ward sidewalk fund.....			10,996.62	11,922.43		1,284.21
Sixth ward sprinkling fund.....			5,782.17	6,180.86		106.41
Seventh ward street fund.....		1,616.12	10,996.62	11,922.43		614.09
Seventh ward sidewalk fund.....			23,279.78	23,362.16		623.81
Seventh ward sprinkling fund.....			27,418.27	28,046.58		163.68
Eighth ward street fund.....		2,800.81	10,165.67	10,004.00		2,917.02
Eighth ward sidewalk fund.....		4,270.29	86.66	10,004.00		1,673.00
Eighth ward sprinkling fund.....			2,897.23	24,769.77		5,142.02
Ninth ward street fund.....						79.52
Ninth ward sidewalk fund.....						2,194.78

CITY OF MINNEAPOLIS.

TOTAL RECEIPTS AND DISBURSEMENTS—Continued..

	BALANCE JAN. 1, 1891.		Receipts.	Disbursements.	BALANCE DEC. 31, 1891.	
	Debit.	Credit.			Debit.	Credit.
Ninth ward sprinkling fund.....		111.52	4,737.57	4,743.45		106.64
Tenth ward street fund.....		798.91	9,360.12	9,438.63		739.40
Tenth ward sidewalk fund.....		38.47	5,543.45	5,642.43		
Tenth ward sprinkling fund.....		251.62	734.33	548.56	60.56	437.80
Eleventh ward street fund.....		373.64	7,632.87	5,569.81		2,106.30
Eleventh ward sidewalk fund.....		13.41	5,845.16	5,651.34		267.23
Eleventh ward sprinkling fund.....		572.42	7,306.79	6,663.65		1,213.56
Twelfth ward street fund.....		471.86	7,102.57	7,663.28	88.96	
Twelfth ward sidewalk fund.....		187.16	3,798.38	3,532.97		162.57
Twelfth ward sprinkling fund.....		22.94	1,649.08	1,543.43		338.64
Thirteenth ward street fund.....		7.72	9,231.93	7,963.34		1,276.31
Thirteenth ward sidewalk fund.....		378.71	2,190.81	2,204.38		268.14
Thirteenth ward sprinkling fund.....		43.64	316.13	254.62		106.15
	\$564,301.79	\$564,801.19	\$4,583,431.96	\$4,918,009.54	\$232,342.57	\$782,342.57

ANNUAL REPORT
CITY ATTORNEY,
1891.

LEGAL DEPARTMENT.

ROBERT D. RUSSELL, - - City Attorney.
DAVID F. SIMPSON, - - First Assistant.
LYCURGUS A. DUNN, - Second Assistant.
WILLIAM H. MORSE, - - Third Assistant.
*JOHN GALVAN, - - Sidewalk Inspector.

**(Detailed from Police Department.)*

REPORT OF CITY ATTORNEY.

FOR THE YEAR ENDING JANUARY 4th, 1892.

To the Honorable City Council of the City of Minneapolis:

GENTLEMEN:—The schedules attached to this report show in detail the litigation of the city during the past year. From these schedules it will be seen that at the beginning of the year there were pending 35 civil actions, and during the year there have been brought 25 civil actions, making 60 cases of this class considered: 38 have been finally disposed of; 26 of these were contested in court and in 19 judgments rendered for the city, and 7 were determined against the city. In one of these, the Larson case, No. 354, judgment was against the city and Ring & Tobin as contractors; the judgment was paid by the co-defendants, who were primarily liable, and the city lost nothing by the litigation. Of the remaining twelve, five (5) were dismissed by plaintiff or abandoned after the issues were framed, five (5) were settled out of court, and two (2) settled by payments of judgments of one dollar each where the verdicts were rendered about three years ago, and which have been pending ever since on plaintiff's motion for a new trial.

Of the cases decided against the city two grew out of the Eighth ward street grading controversy, and were for interest on the amount which had been formerly paid as principal for the work done in the Eighth ward. Two were proceedings brought on behalf of the library and school boards, to determine the question of the payment of interest on the bonds issued for the benefit of these respective boards. They were decided in favor of the boards. They were amicable suits for the purpose of determining the question of city book-keeping. Two were personal injury cases resulting in money judgments amounting to \$700.00, one for \$500.00, the other for \$200.00, which was all that was recovered in personal injury cases disposed of during the year. There were thirteen (13) personal injury cases, claiming from the city \$86,025.00 disposed of. In addition to the above \$700.00 the city has paid out in settlements \$625.00, making a total of \$1,325.00 paid in settlement of the thirteen cases.

Three cases were tried in the Supreme Court, one of which was the Eighth ward case above referred to, where the judgment of the lower court was affirmed. Another is No. 421, Hielscher vs. the City of Minneapolis, which was decided in favor of the city, and involved the question of the right of the city to vacate a street without making compensation to a private property owner abutting on the street. The principle is one of some importance to the city, and it is gratifying to have the city protected as it is by this decision. In the third case no decision has as yet been rendered.

The number and importance of litigated case have been smaller than in any former year. We have proceeded in the department on

the theory that it was by no means the best use of our time to reject claims without careful investigation. We have sought to as thoroughly ascertain the facts connected with any claim presented to the city as though we were preparing the case for trial. By this course a large number of suits have been prevented, sometimes a settlement being reached for a small amount, in others the claimant himself persuaded that he had no cause of action by fairly informing him of all the facts connected with the matter, giving him the benefit of our investigation as well as the facts he himself knew and upon which he based his claim, abandoned it. The amount paid in settlement of claims as shown by the Comptroller's report has been exceedingly small and less than in former years considering the number presented.

In regard to injuries received by employes of the city, the policy of former years has been pursued, and whether a legal liability existed or not the injured employee has been kept on the pay roll during disability and furnished with medical attendance and care. Most of the injuries of this class are in connection with the sewer construction and the laying of water pipes. In a large majority of personal injury cases, where the injury is occasioned by alleged defective sidewalks or streets, the injured party is not entitled to any particular favor because of the fact that in most of the cases the accident could have been avoided by the exercise of proper care by the party injured. With all the diligence possible the streets and sidewalks can not be kept in a condition to insure the public against accident; inequalities will exist as long as streets themselves exist. With 180 miles of streets, and sidewalks on both sides of the street in most cases, it makes a very large amount of territory to cover, and requires a great deal of care. To secure this care we sought and have succeeded in interesting the police department and the street commissioners, and we have a sidewalk inspector specially detailed to this department for that service. This officer is of very great importance and value to the city, because of the fact that his special business is to notice the condition of the streets and sidewalks, and to look to the repairing of the same. At the beginning of the year the former sidewalk inspector Mr. DeHarven acted, serving the city faithfully as in former years until April 15, 1891, at which time Mr. John Galvan, a faithful patrolman for some years, was detailed to take the place. He has proven a most intelligent and efficient officer. He has investigated forty-eight (48) claims against the city and made reports thereon to the City Attorney. In a city growing as rapidly as Minneapolis the streets are many times obstructed by building improvements, water main and sewer laying, and it requires vigilance to keep places of this character properly barricaded and lighted at night. Notice of obstructions and defective conditions in streets and sidewalks have been given in 815 cases, and all of these followed up and proper precautions taken to prevent accidents.

As will be seen by schedule E, another important class of business coming before the department is the appeals in street opening matters. There have been fifty-three (53) of these appeals disposed of during the year. In all of these new commissioners have been appointed by the District Court and new assessments and awards made. Awards made by the city commissioners have been cut down to the amount of \$886.00; awards have been increased in the sum of \$2,285.00, and assessments decreased in

the sum of \$390.00; making a total increase in the amount to be paid in these cases of \$1,589.00. This work has been under the sole charge of the First Assistant City Attorney Simpson, and has been very carefully attended to by him, as these figures show. Much more attention has been given to the matter than in former years, resulting in a saving to the city of thousands of dollars.

The cases for the violation of the city ordinances and misdemeanors under the state law have amounted to 395, as shown in detail by schedule F. These represent only the contested cases where attorneys appeared for the party arrested. In 283 the party charged was found guilty; 112 were dismissed by the state, or the party found not guilty. This branch of the business has been efficiently attended to by Assistant City Attorney Dunn as in former years. In addition to the work of trying these cases the matter of investigating complaints before warrants are ordered is of quite as much importance, and has required and received a great amount of attention to prevent frivolous arrests.

At the beginning of the year all connected with the department removed their offices to the City Hall. The arrangement has proven most advantageous to the other officers of the city as well as to the department itself in enabling matters to be considered at their inception and proper steps taken to prevent subsequent trouble and litigation. By the new arrangement the work of the office has been largely increased, but it has proven greatly to the advantage of the city. A large amount of the office work has been in charge of Assistant City Attorney Morse, and while statistics cannot be given for a large part of it, some idea of it can be gained from the fact that seventy (70) abstracts of title have been examined with reference to payment of street opening awards and the acceptance of plats and deeds by the city; seventy-three (73) contracts and bonds have been drawn, and a large number of deeds of different sorts prepared; seventy-eight (78) written reports and communications have been made to the Council.

In addition to this work a large number of oral opinions have been given to city officers, the City Council, and the several committees of the Council, the principal one being the committee on claims, which requires the attendance of some member of the department at each of its meetings.

There have been under discussion through the year several propositions looking to the further bridging of the tracks of the Great Northern and Chicago, Milwaukee & St. Paul Railway Companies. As yet no substantial conclusions have been reached, but the matter should be still vigorously considered until some satisfactory arrangement shall be arrived at by which all the grade crossings in the thickly settled portions of the city are replaced by bridges or viaducts, thus reducing the possibility of injury and the inconvenience to the minimum. No better expenditure of time or money can be made than in this direction. It is less difficult to secure the changes now than it will be at any future time. As the city grows the situation becomes more fixed and difficult to change. The railroad companies have in the main evidenced a disposition to co-operate with the Council in the matter, and it is to be hoped that before the end of the year 1892 some substantial results will be achieved.

The work of the year has been on the whole very satisfactory, and we think the city has not suffered in its interests. The assistants have

aided me through the year to their fullest ability, and we have worked unitedly and persistently to do well the work coming into our hands. Our thanks are due particularly to the City Council and to the other officers of the city for their readiness to aid us in all matters to secure the best results for the city. All the dealings between this department and the others and the City Council have been harmonious, contributing to and making possible the satisfactory result.

Respectfully submitted.

ROBERT D. RUSSELL,
City Attorney.

SCHEDULE "A."

Civil Cases Pending January 1st, 1891, and Finally Disposed of During the Year 1891.

No. 354. EDWARD LARSON VS. THE CITY AND RING & TOBIN.

Action brought in the district court February 25, 1889, to recover \$5000.00 damages for injuries alleged to have been caused by a wire rope suspended across a street. June 14, 1889, cause tried by the district court and a jury, and a verdict rendered for the defendants. Appeal taken by the plaintiff to the supreme court. Argued in supreme court and order of the court below reversed. Nov. 21, 1890, tried by the district court and a jury and a verdict rendered in favor of the plaintiff against all the defendants for \$120.00. Judgment entered and paid by defendants Ring & Tobin.

No. 385. W. J. BOWEN VS. THE CITY.

Action in the district court to recover \$747.70, interest on contract for grading in eighth ward. Cause tried and order filed November 21, 1890, for judgment for plaintiff for amount of claim. Appeal by defendant to the supreme court, argued and submitted July 10, 1891, and August 21, 1891, decision filed affirming order of district court. Case settled by payment of \$897.50, and dismissed by stipulation filed Oct. 19, 1891.

No. 386. CHARLES FILTEAU VS. THE CITY.

Action in the district court to recover \$469.68 interest on contract for grading in the eighth ward. Following the result of case No. 385 this case was settled by payment of \$538.57, and action dismissed by stipulation filed Oct. 19, 1891.

No. 392. EUGENE WAHL VS. THE CITY.

Action in district court to recover \$1,150 damages for alleged flooding of plaintiff's lot and building on corner of Twenty-third avenue north and Second street, by the grading of Twenty-third avenue north. May 5, 1891, case dismissed by plaintiff with consent of defendant, without costs.

No. 395. HANNAH COLLINS VS. THE CITY, *et al.*

Action in district court to recover \$10,000.00 damages resulting from alleged injury caused by accumulation of ice and snow on sidewalk at the corner of Sixth street and Sixth avenue north. January 9 and 10, 1891, cause tried before the court and a jury, and a verdict rendered in favor of the plaintiff against the city for \$500.00. Case settled by payment of amount of verdict and costs.

No. 399. OSCAR C. SQUYER VS. THE CITY, *et al.*

Action in district court to recover \$3,000.00 damages resulting from death of wife of plaintiff, caused by injuries received from a runaway alleged to have been caused by defective condition of Hennepin avenue between Sixth and Seventh streets. May 4, 5, 6, 1891, cause tried before the court and a jury, and a verdict rendered in favor of the city. June 6, 1891, motion for new trial made by plaintiff and denied. August 11, 1891, judgment for costs entered in favor of defendant city, and paid September 17, 1891.

No. 400. OSCAR C. SQUYER AS ADMINISTRATOR VS. THE CITY, *et al.*

Action in district court to recover \$10,000.00 damages, growing out of the same cause of action as No. 399. May 2, 1891, motion for judgment on the pleadings, and judgment ordered in favor of the defendants. August 11, 1891, judgment for costs in favor of defendant city, \$7.88, entered, and paid September 17, 1891.

- No. 405. **LEVI L. COOK VS. THE CITY.**
Action in district court to recover possession of part of lot 6, block 7, Snyder & Co.'s Addition to Minneapolis, and for damages for building sidewalk on plaintiff's premises. June 1, 1891, case called for trial and dismissed.
- No. 408. **MARY M. PRITCHARD VS. THE CITY.**
Action in district court to recover \$1,929.00 damages alleged to have been caused by grading Franklin avenue adjacent to plaintiff's property. October 1, 1891, case settled and dismissed upon payment to plaintiff of the sum of \$175.00.
- No. 410. **WILLIAM A. SPAULDING VS. THE CITY.**
Action in district court to recover \$2,081.00 damages alleged to have been caused by grading Franklin avenue in front of plaintiff's property. June 1, 1891, case called for trial and dismissed, case having been settled by payment to plaintiff of \$290.13 December 12, 1890.
- No. 415. **MINNEAPOLIS SASH AND DOOR COMPANY VS. THE CITY.**
Action in the district court to determine adverse claim to lot 6, block 4, Wolford, Sidle & Reid's Addition to St. Anthony. April 4, 1891, case settled for \$200.00 and dismissed by stipulation of parties.
- No. 416. **A. B. NEWMAN AS ADMINISTRATOR VS. THE CITY.**
Action in district court to recover \$10,000 damages for alleged injuries resulting in the death of plaintiff's intestate, caused by accident on the 20th day of March, 1890, by defective sidewalk on Hennepin avenue. January 22, 1891, cause tried before the court and a jury, and dismissed by the court on motion by defendant at close of plaintiff's testimony.
- No. 417. **RYAN DRUG COMPANY VS. THE CITY, et al.**
Action in district court to recover \$175 damages for death of horse and injury to harness, caused by opening made on Western avenue between Ninth and Tenth streets North. January 14, 1891, cause tried before the court and a jury, and verdict returned for defendants. May 6, 1891, judgment for \$12.67 costs in favor of the city entered, and paid June 23, 1891.
- No. 421. **ERNEST HIELSCHER VS. THE CITY.**
Action in the district court to recover \$1,000.00 damages to plaintiff's property by reason of the vacation of a portion of Nineteenth avenue North. January 5, 1891, demurrer to plaintiff's complaint sustained by district court. Case appealed to the supreme court, and argued and submitted on appeal June 18, 1891. Decision of the supreme court in favor of the city filed July 10, 1891. Judgments for costs in favor of the city entered in supreme and district courts.
- No. 278. **STATE OF MINNESOTA EX REL. CITY OF MINNEAPOLIS, RELATOR, VS. MINNEAPOLIS & ST. LOUIS RAILWAY COMPANY, RESPONDENT.**
Application for writ of mandamus to compel the respondent to construct bridges over its tracks where they cross Washington avenue, Third, Fourth and Fifth streets. March 6, 1888, judgment entered in district court ordering mandatory writ to issue. Appeal to Supreme Court of Minnesota, and decision in favor of city. Writ of error to U. S. Supreme Court sued out. Writ of error dismissed at the October, 1890, term of U. S. Supreme Court by stipulation of the parties.
- No. 279. **STATE OF MINNESOTA EX REL. CITY OF MINNEAPOLIS VS. ST. PAUL, MINNEAPOLIS & MANITOBA RAILWAY CO.**
Same as No. 278. August 16, 1889, petition for writ of error from U. S. Supreme Court to District Court of Hennepin County. Writ of error dismissed at October, 1891, term of U. S. Court by stipulation of the parties.
- No. 326. **OREN LONGSTAFF VS. THE CITY, et al.**
Claim of \$1,500.00 for personal injuries from alleged defective street. May 18, 1888, verdict rendered for plaintiff for \$1.00. January 2, 1892, judgment entered in district court for \$4.63 in favor of plaintiff for amount of verdict and costs.
- No. 327. **CHARLES O. BEDBURY VS. THE CITY et al.,**
Claim of \$1,500.00 for personal injuries from alleged defective street. May 18, 1888, verdict rendered in district court in favor of plaintiff for \$1.00. January 2, 1892, judgment entered in favor of plaintiff for \$28.57, amount of verdict and costs.
- No. 366. **C. W. CLARK VS. THE CITY.**
Action in the United States Circuit Court, commenced July 9, 1889, to restrain the city from using a certain sewer machine, claiming an infringement on a prior patent. Judgment entered for the defendant.
- No. 388. **MARGARET FLYNN VS THE CITY.**
Action in the district court to recover \$10,080.00 damages resulting from accident caused by slipping on sidewalk on Nicollet avenue. December 22, 1891, action dismissed by stipulation.

SCHEDULE "B."

Civil Cases Pending January 1, 1891, not yet Finally Determined.

No. 321. **ST. ANTHONY FALLS WATER POWER CO. VS. CITY.**

Action to enjoin the defendant from interfering with the plaintiff's dam and other property on Hennepin Island, involving the city's right to water power to run the east side pumping station. March 7, 1889, decision and order for judgment by the district court ordering an injunction in favor of the city and against plaintiff, restraining plaintiff from cutting off the water supply to the east side station, but deciding that the amount of water to which it is entitled could not be determined in this action. Appeal by plaintiff to the supreme court. Appeal argued and submitted June 28, 1889, and decision by the supreme court affirming the decision of the lower court in its ruling as to the right of the city to the use of the water, but reversing the lower court in its decision that the amount could not be determined in this action, and directing that this amount be fixed, and that the plaintiff furnish the amount, when determined, to the city. Case partially tried in accordance with the direction of the supreme court and is now pending before Judge A. H. Young as referee.

No. 328. **THOMAS W. EMERY VS. THE CITY, et al.**

Action for \$70.00 upon a judgment recovered against the city's employee, which the plaintiff claims to have bought at execution sale. Case pending in the district court. Nothing done since answer filed March 13, 1888.

No. 334. **ST. PAUL, MINNEAPOLIS & MANITOBA RY. CO. VS. THE CITY.**

Action to enjoin defendant from opening Twenty-second avenue NE. across plaintiff's tracks. September 26, 1889, cause tried and submitted in the district court, and judgment ordered for the defendant. Appeal by plaintiff to supreme court, and decision in favor of plaintiff reversing the order of the court below. Cause now pending and awaiting trial in the district court.

No. 337. **EVERETT BRUCE PRESTON VS. THE CITY.**

Action in the United States Circuit court for infringement of a patent. Case being defended by the sureties on an indemnity bond given to the city.

No. 351. **JAMES EDWARDS VS. THE CITY.**

Action in the district court, commenced January 25, 1889, to recover \$500 damages caused by plaintiff's horse falling into a hole in the street. Cause at issue January 29, 1889. No further steps taken.

No. 363. **ST. PAUL, MINNEAPOLIS & MANITOBA RY. CO. VS. THE CITY.**

Action in the district court, commenced June 19, 1889, to enjoin defendant from opening Nineteenth avenue NE. across plaintiff's tracks. September 26, 1889, cause tried before the court, and judgment ordered for the defendant. Motion for new trial by plaintiff overruled September 6, 1890. Notice of appeal to supreme court last step taken.

No. 373. **MARY COLLINS VS. THE CITY.**

Action in the district court, commenced August 23, 1889, to recover \$5,000 for injuries alleged to have been caused by water pipe projecting above the sidewalk. Cause tried in the district court January 9, 1890, and on intimation of the court that it would dismiss for non-joinder of the owner of abutting property, plaintiff took leave to amend her complaint. October 8, 9, 1891, cause tried before the court and a jury, and a verdict found in favor of the plaintiff of \$2,040. November 14, 1891, motion by defendant city for a new trial made and granted. Cause on the December term calendar of district court for trial.

No. 391. **HANS P. PETERSON VS. THE CITY.**

Action in district court to recover \$5,000.00 damages, alleged to have been sustained by reason of injuries caused by obstruction of Twenty-sixth street south, on March 15, 1890. Cause tried December 11 and 12, 1891, before the court and a jury, resulting in a verdict for the defendant.

No. 402. **THE MINNEAPOLIS TRUST COMPANY VS. THE CITY.**

Action in the district court to recover \$29,000.00 for water claimed to have been furnished the defendant in excess of what it is entitled since the granting of the injunction in No. 323. At issue and pending before Judge A. H. Young as referee, and awaiting the determination of No. 323.

No. 404. **STATE OF MINNESOTA EX REL. THE GREAT NORTHERN RAILWAY COMPANY VS. THE CITY.**

Application to district court for a writ of mandamus to compel defendant to construct a bridge over tracks of relator on Como avenue. June 22-25, 1891, case partially tried, and upon application of relator for amended writ leave was granted and case continued. Cause on December 1891 General Term calendar for trial.

- No. 406. **ERICK PETTERSON VS. THE CITY.**
Action in district court to recover \$650.00 damages by reason of injuries sustained by an accident caused by alleged defective sidewalk in front of No. 304 Washington avenue, N. Notice of appearance served on the defendant, and no complaint served.
- No. 407. **EDWARD SISKRON VS. THE CITY.**
Action in district court to recover \$800.00 damages to plaintiff's property, caused by grading Pleasant avenue. Proposition for settlement pending.
- No. 409. **ANNIE L. W. BUELL VS. THE CITY.**
Action in district court to recover \$1,564.00 damages to plaintiff's property, caused by grading Franklin avenue. Proposition for settlement pending.
- No. 413. **STATE OF MINNESOTA EX REL. THE CITY OF MINNEAPOLIS, RELATOR, VS. THE GREAT NORTHERN RAILWAY COMPANY, RESPONDENT.**
Alternative writ of mandamus in district court to compel the respondent to construct a viaduct on Como avenue under its tracks. June 22-25 case partially tried with No. 404, and leave granted to amend return to alternative writ on application of Respondent. For trial with No. 404.
- No. 414. **ESTHER M. ROWE *et al.* VS. THE CITY AND BOARD OF EDUCATION.**
Action in district court to recover possession of part of N. W. $\frac{1}{4}$ of the S. W. $\frac{1}{4}$ of Section 7, Township 29, Range 23, occupied by the Board of Education for school purposes. May 16, 1891, cause tried argued and submitted, and decision and order for judgment in favor of defendants filed August 28, 1891. Sept. 18, 1891, judgment entered in favor of defendants including costs for \$12.78. Notice of appeal to supreme court Sept. 26, 1891.

SCHEDULE "C."

Civil Actions Brought During the Year 1891, and Finally Disposed Of.

- No. 423. **L. J. MOORE VS. H. J. ALTNOW, CLERK OF MUNICIPAL COURT.**
Action in district court, application for a writ or mandamus to compel respondent to issue writ of execution. Return to alternative writ January 17, 1891, and writ quashed by order of district court.
- No. 425. **GUNDER BARLEY VS. THE CITY.**
Action in the United States circuit court to recover \$5,055 damages alleged to have been sustained by reason of an accident to plaintiff's six year old daughter on Aug. 20, 1890, caused by defective sidewalk on Jefferson street. June 17, 1891, action settled by payment to plaintiff of \$150, and dismissed by stipulation of the parties.
- No. 426. **L. J. MOORE VS. H. J. ALTNOW, CLERK OF MUNICIPAL COURT.**
Application to the district court for writ of mandamus to compel respondent to issue writ of execution to relator or her attorney. Feb. 7, 1891, motion to quash alternative writ of mandamus argued and submitted. Writ of mandamus dismissed by order of court.
- No. 428. **DOCK JAQUA VS. THE CITY.**
Action in the district court to recover \$10,300 damages alleged to have resulted to plaintiff by reason of an accident on Dec. 9th, 1890, caused by defective sidewalk on Colfax avenue south. Commenced Feb. 16, 1891. June 4, 5, 1891, cause tried before the court and a jury, and verdict rendered for the defendant.
- No. 429. **GEORGE A CHAMBERLAIN VS. THE CITY.**
Action brought in the district court to recover \$5,105.25 damages alleged to have been caused by reason of defective condition of Lyndale avenue near 24th street on April 27th, 1890. Action commenced Feb. 27th, 1891, and tried before the court and a jury May 28 and 29, 1891, resulting in a verdict for the plaintiff for \$200. July 31, 1891, case settled by payment to plaintiff of \$226.46, amount of verdict and costs, and dismissed by stipulation of the parties.
- No. 431. **WILLIAM J. HOWARD VS. THE CITY.**
Action brought in the district court to recover \$5,300 damages alleged to be caused by plaintiff falling into an excavation at the crossing of Lake street and Nicollet avenue on October 15, 1890. Action begun March 7, 1891, and tried before the court and a jury May 5, 1891, and dismissed by the court at the close of plaintiff's testimony on motion of defendant.

No. 432. **E. H. BARRETT, *et al.*, vs. HORACE P. BREED, PLAINTIFF, AND THE CITY OF MINNEAPOLIS, GARNISHEE.**

Action brought in the Municipal court seeking to garnish the city therein. April 2, 1891, decision and order of court dismissing garnishee filed, a motion therefor having been made and argued on March 24, 1891.

No. 433. **WILLIAM BOEHLER vs. THE CITY.**

Action brought in the district court to recover \$5,110 damages by reason of accident to plaintiff's 15 year old daughter, caused by obstructions on sidewalk on Nicollet avenue and Seventh street and defective approaches thereto. Action commenced March 12, 1891, and dismissed by plaintiff's attorneys Aug. 31, 1891, after issue joined.

No. 434. **STATE OF MINNESOTA, EX REL. A. T. ANKENY AND JOHN B. ATWATER vs. KRISTIAN KORTGAARD, AS TREASURER, AND SOLON ARMSTRONG, AS COMPTROLLER, OF THE CITY OF MINNEAPOLIS.**

Application to the district court for a writ of mandamus to compel city comptroller to countersign and city treasurer to pay certain warrants or orders drawn on behalf of the library board. The real purpose of the action was to determine the question whether the interest accruing on bonds issued for the benefit of the library board should be charged to the library fund or to the general interest fund of the city. April 29th, 1891, return to alternative writ of mandamus made, argued and submitted. Decision of the court in favor of relators made and filed.

No. 435. **CHARLES KLUGMAN vs. JAMES C. NOVACK, *et al.*, POLICE OFFICERS.**

Action brought in the district court to recover \$5,000 damages for alleged unlawful arrest on February 12, 1891. Action commenced Feb. 18, 1891. April 29 and 30, 1891, action dismissed as to all the defendants except Novack, and cause tried before the court and a jury, and dismissed by the court at the close of plaintiff's testimony on motion of defendant.

No. 436. **SAMUEL C. GALE, *et al.*, vs. THE CITY *et al.***

Application to the district court for an injunction restraining the mayor and comptroller from executing a contract with Ring & Tobin for furnishing and setting curb stone during season of 1891. April 28th, 1891, application for injunction heard on order to show cause, and dismissed after hearing and argument.

No. 437. **DANIEL FINNEGAN vs. THE CITY.**

Action brought in the district court to recover \$2,000.00 damages for personal injuries received from accident on May 17, 1891, on 2½ street, caused by alleged defective sidewalk. Sept. 24, 1891, case settled and dismissed by stipulation of the parties, after issue joined.

No. 439. **ALFRED D. ALDRICH vs. THE CITY *et al.***

Action brought in the district court to recover \$800.00 damages to plaintiff's business by reason of permitting excavation in front of property adjoining plaintiff's place of business. August 8, 1891, action commenced by service of summons and complaint. October 24, 1891, demurrer to plaintiff's complaint argued and submitted, and demurrer sustained by the court.

No. 440. **T. LEVIN, *et al.*, COPARTNERS, vs. THE CITY.**

Action brought in the district court to recover \$1,000.00 damages to plaintiff's business by reason of city permitting excavation in front of adjoining property to remain an unnecessary length of time. Action began August 8, 1891, and October 24, 1891, demurrer to plaintiff's complaint argued before the court, and demurrer sustained.

No. 442. **J. M. ENGSTROM vs. THE CITY.**

Action to recover \$5,075.00 in the district court as damages for injury to hand while operating an excavating machine on sewer on Adams street and Sixth avenue N. E., July 1st, 1891. Commenced August 19, 1891. October 2, 1891, action settled by payment to plaintiff of \$375.00, and dismissed by stipulation.

No. 444. **JOSIAH THOMPSON, JR., vs. THE CITY, *et al.***

Action brought in the district court to restrain collection of assessments made in the matter of laying out and opening 32d street from 21st avenue south to Minnehaha avenue. Commenced October 31, 1891. December 19, 1891, demurrer to plaintiff's complaint argued and sustained by the court.

No. 445. **AUGUST MITTELSTAEDT vs. THE CITY.**

Action brought in the municipal court to recover \$20.50 balance claimed to be due for services rendered on contract. Nov. 7, 1891, summons and complaint served, and answer thereto made Nov. 11. Cause dismissed by stipulation Dec. 1, 1891.

No. 446. STATE OF MINNESOTA EX REL. A. C. AUSTIN *et al.*, vs. KRISTIAN KORTGAARD *et al.*

Application to the district court for a writ of mandamus to compel the city comptroller and city treasurer to countersign and pay certain orders drawn by the Board of Education. This action was brought for the purpose of determining the question whether the interest on outstanding bonds issued for the benefit of the Board of Education should be charged to the funds of the Board of Education or to the general interest fund of the city. Dec. 26, 1891, due return was made to the alternative writ issued in said action, and argued before the court, whereupon the court made and filed its decision ordering that a mandatory writ of mandamus issue requiring the treasurer and comptroller to sign and pay the orders mentioned in the petition. The court in its decision decided that the Board of Education should pay the principal and interest of \$12,000.00 outstanding bonds formerly issued by the school board of the East division, and \$19,000.00 of outstanding bonds formerly issued by the school board of the West division of the city, and that the interest on all other outstanding school bonds should be paid by the city.

SCHEDULE "D."

Civil Actions Brought During the Year 1891 and Still Pending.

No. 427. ERICK LUNDIN vs. THE CITY.

Action brought in the United States district court to recover \$40,000.00 damages caused by explosion of dynamite cartridge on Sept. 18, 1890, while plaintiff was engaged in the construction of a sewer on 4th Street N. E., February 2, 1891, action begun by service of summons. Issue joined February 21, 1891. Cause tried before Judge Nelson and a jury September 11, 14, 15, 1891, resulting in a verdict in favor of the plaintiff for \$5,000.00. Motion for new trial on behalf of defendant now pending.

No. 430. JOHN NELSON vs. THE CITY.

Action brought in the district court to recover \$2,150.00 damages to plaintiff and his wagon and horse caused by accident November 12, 1890, on approach to bridge over the Northern Pacific Railway tracks on 4th Avenue North. Action begun March 5, 1891, and issue joined March 28, 1891. Cause tried October 14, 15, 1891, before the court and a jury, and verdict found in favor of the defendant. Plaintiff proposes to appeal to the supreme court.

No. 438. BARBARA HAUSER vs. THE CITY.

Action brought in the district court to recover \$5,000.00 for personal injuries received July 12, 1891, on 4th Street North, caused by alleged obstruction in the street. August 18, 1891, action begun by service of summons and complaint, and issue joined August 25, 1891. October 23, 26, 1891, cause tried before the court and a jury, and the jury disagreeing no verdict was found. Case set for trial January 4, 1892.

No. 441. HARRIET L. ORTMAN vs. THE CITY *et al.*

Action brought in the district court to establish the right and title of plaintiff to an undivided one third of certain lands in Section 18, Township 29, Range 23, in the city of Minneapolis. The city is interested only to the extent of the streets platted and dedicated on said lands. Action commenced August 14, 1891, by service of summons and notice and filing of complaint. Issue joined October 2, 1891, and case set for trial January 4, 1892.

No. 443. FREDERICK REUM vs. THE CITY.

An action brought in the circuit court of the United States to recover \$15,250.00 personal damages by reason of injuries received May 22, 1891, on Blaisdell Avenue caused by alleged falling of buckets while removing an excavator used in sewer construction. Action commenced October 7, 1891, and issues joined December 4, 1891.

No. 447. JENNIE G. WINSLOW vs. THE CITY.

Action brought in the district court to recover \$3,000.00 personal damages by reason of accident on October 18, 1891, caused by alleged excavation across sidewalk on 1st Avenue North, between 3rd and 4th Streets. Summons and complaint served December 9, 1891.

No. 424. GEORGE W. BISHOP vs. THE CITY.

Action in municipal court to recover \$100.00, alleged reasonable use of plaintiff's horse, wagon and harness, by request of superintendent of parks, between April 1 and August 14, 1890. Case and papers turned over to Mr. Rockwood attorney for the park board. Cause at issue and not disposed of.

SCHEDULE "E."

Street Opening Appeal Cases Receiving Attention During the Year 1891.

Street No. 346. IN RE OPENING, ETC., TWENTY-SEVENTH AVENUE N. E. FROM MARSHALL STREET TO MONROE STREET. ST. PAUL, MINNEAPOLIS & MANITOBA RAILWAY CO., APPELLANTS.

District court commissioners awarded to appellant, for land taken \$1.00; for planking and grading \$229.00; total \$230.00. Council commissioners awarded \$1.00. Pending in district court on motion for confirmation of report of commissioners.

Street No. 423. IN RE OPENING, ETC., TWENTY-FIFTH AVENUE N. E. FROM FOURTH STREET N. E. TO MONROE STREET. THE ST. PAUL, MINNEAPOLIS & MANITOBA RAILWAY CO., AND THE GREAT NORTHERN RAILWAY CO., APPELLANTS.

Award of court commissioners to St. Paul, Minneapolis & Manitoba Railway Co. \$1.00, to Great Northern Railway Co., for land taken, \$1.00; for planking and grading, \$172.07; total, \$173.07.

Street No. 446. IN RE OPENING, ETC., FIFTEENTH AVENUE N. E. FROM MONROE STREET TO JACKSON STREET. THE ST. PAUL, MINNEAPOLIS & MANITOBA RAILWAY CO., AND THE GREAT NORTHERN RAILWAY CO., APPELLANTS.

Award of court commissioners to St. Paul, Minneapolis & Manitoba Railway Co., \$1.00; to Great Northern Railway Co., for land taken, \$1.00; for planking and grading, \$413.22; total, \$414.22.

Street No. 428. IN RE OPENING, ETC., FORTY-SECOND AVENUE NORTH FROM LYNDAL AVENUE TO EAST LINE OF WYOMING PARK. WILLIAM CAMPBELL, APPELLANT.

Court commissioners awarded \$334.00 damages; council commissioners awarded \$490.00 damages. Confirmed by district court and reported to council.

Street No. 469. IN RE OPENING, ETC., FIFTH AVENUE SOUTH FROM NINTH TO TENTH STREETS. LEVI L. COOK, APPELLANT.

Court commissioners awarded nothing, benefits equal to damages, same as council commissioners award. Confirmed by district court and reported to the council.

Street No. 445. IN RE OPENING ETC., THIRTY-SECOND STREET, FROM TWENTY-FIRST AVENUE SOUTH TO MINNEHAHA AVENUE. F. C. GRISWOLD AND ELLA H. GRISWOLD, APPELLANTS.

Court commissioners awarded nothing, benefits equal to damages. Council commissioners awarded \$430.00 damages. Confirmed by the district court and reported to the council.

Street No. 479. IN RE OPENING ETC., A STREET FROM BROADWAY TO THE EAST AND WEST CENTER LINE THROUGH SEC. 7, TOWN 29, RANGE 23. LEWIS R., CHARLES T., AND MARY E. REDFIELD, APPELLANTS.

Court commissioners awarded \$650.00 damages. Council commissioners awarded nothing. Confirmed by the district court and reported to the council.

Same Matter as Street No. 479. ESTHER M. ROWE, FRANK W. ROWE AND IDA M. SIMPSON, APPELLANTS.

Court commissioners awarded \$140.00 damages. Council commissioners awarded nothing. Confirmed by the district court and reported to the Council.

Street No. 377. IN RE OPENING ETC., SEVENTH STREET NORTH, FROM SECOND AVENUE TO HOAG AVENUE. CLARENCE A. BROWN, APPELLANT.

Court commissioners assessed benefits at \$25.00; Council commissioners assessment \$200.00. Confirmed by the district court and reported to the council.

- Same matter as Street No. 377. ON APPEAL OF EDWIN G. BLODGETT.
Court commissioners assessed benefits at \$25.00; Council commissioners assessed \$200.00. Confirmed by the district court and reported to the council.
- Street No. 475. IN RE OPENING ETC., TWELFTH AVENUE SOUTH, FROM LAKE STREET TO POWDER HORN PARK. MARY HEDDEMARK, APPELLANT.
Court commissioners awarded \$750.00 damages. Council commissioners awarded \$650.00 damages. Confirmed by the district court and reported to the council.
- Street No. 454. IN RE OPENING, ETC., HENNEPIN AVENUE FROM TENTH STREET TO LYNDALE AVENUE. ANNA C. KITCHELL AND TEN OTHERS, APPELLANTS.
Proceedings annulled by order of the district court on account of irregularities of proceedings, and abandoned by the council.
- Street No. 486. IN RE OPENING ETC., TWENTY-SECOND STREET FROM EIGHTEENTH AVENUE SOUTH TO CEDAR AVENUE. TOBIAS KOLSTA, APPELLANT.
Court commissioners awarded \$220.00 damages. Council commissioners awarded \$50.00 damages. Confirmed by the district court and reported to the council.
- Same matter as Street No. 486. CARLTON J. STOCKDALE, APPELLANT.
Court commissioners awarded \$800.00 damages, being the same as council commissioners' award. Confirmed by the district court and reported to the council.
- Street No. 480. IN RE OPENING, ETC., HIAWATHA AVENUE FROM FORTY-FIRST STREET TO FIFTIETH STREET. MARY C. MORRIS AND TWO OTHERS, APPELLANTS.
Court commissioners appointed. Award not yet made.
- Street No. 485. IN RE OPENING, ETC., GROVELAND AVENUE FROM SUMMIT PARK ADDITION TO NEWTON AVENUE. W. J. BISHOP AND FOUR OTHERS, APPELLANTS.
Appeals dismissed by order of the district court.
- Street No. 494. IN RE OPENING, ETC., MARY PLACE FROM ELEVENTH TO TWELFTH STREETS. H. G. HARRISON, APPELLANT.
Court commissioners awarded \$5,000.00 damages, same as council commissioners' award. Confirmed by the district court and reported to the council.
- Street No. 492. IN RE WIDENING, ETC., PLYMOUTH AVENUE FROM LYNDALE AVENUE TO NORTH AND SOUTH LINE THROUGH SECTION 17 TOWNSHIP 29, RANGE 24. FRANCIS A. BENHAM, APPELLANT.
Court commissioners awarded to Benham \$65.00 damages; council commissioners awarded nothing. Confirmed by the district court and reported to the council.
- Same matter as Street No. 492. ON APPEAL OF GERHARD BERNDGREN.
Court commissioners awarded no damages, same as council commissioners' award.
- Street No. 493. IN RE OPENING AN ALLEY FROM EIGHTH AVENUE NORTH TO TENTH AVENUE NORTH. A. H. REID, APPELLANT.
Court commissioners awarded \$200.00 damages; council commissioners awarded \$125.00 damages. Confirmed by the district court and reported to the council.
- Street No. 502. IN RE WIDENING HENNEPIN AVENUE, FROM TENTH STREET TO LYNDALE AVENUE. ANNA C. KITCHELL, APPELLANT.
Court Commissioners awarded no damages. Council commissioners awarded \$300.00 damages. Motion for confirmation of report of commissioners made, argued and submitted in district court. Decision not yet rendered.
- Same matter as No. 502. ON APPEAL OF ALOIS KNOBLAUCH ESTATE.
Court commissioners awarded no damages. Same as council commissioners' award. Under advisement in district court on motion for confirmation of report of commissioners.
- Same matter as No. 502. ON APPEAL OF JERUSA WELLS.
Appeal dismissed pursuant to stipulation.

- Same matter as No. 502. **ON APPEAL OF JAMES M. WILLIAMS**
Court commissioners awarded no damages. Same as council commissioners' award. In this and the following appeals in this matter a motion for the confirmation of the report of the commissioners has been made, argued and submitted in the district court, but decision thereon has not been rendered.
- Same matter as No. 502. **ON APPEAL OF WILLIAM M. JENKINS.**
Court commissioners awarded no damages, being the same as council commissioners' award.
- Same matter as No. 502. **ON APPEAL OF ARRA H. CARPENTER.**
Court commissioners awarded no damages, being the same as the council commissioners' award.
- Same matter as No. 502. **ON THE APPEAL OF F. S. GILSON *et al.***
Court commissioners made assessment of \$170.00 for benefits, being the same as council commissioners' assessment.
- Same matter as No. 502. **ON APPEAL OF GEORGE AND ARTHUR McMULLEN.**
Court commissioners made award of \$3,000.00 damages to improvements, being the same as council commissioners' award.
- Same matter as No. 502. **ON THE APPEAL OF HENNEPIN AVENUE M. E. CHURCH.**
Court commissioners made award of \$2,000.00 damages to improvements, being the same as council commissioners' award.
- Same matter as No. 502. **ON THE APPEAL OF JOEL B. BASSETT.**
Court commissioners made assessment for benefits of \$40.00. Council commissioners' assessment \$80.00.
- Street No. 495. **IN RE OPENING, ETC., PENN ANENUE, FROM THIRTY-FOURTH TO FORTY-FOURTH AVENUES NORTH. HANS LUNDGREN, APPELLANT.**
Court commissioners made award of \$100.00 damages. Council commissioners awarded no damages. Confirmed by the district court and reported to the council.
- Street No. 501. **IN RE OPENING, ETC., THIRTY-FOURTH STREET EAST FROM CHICAGO AVENUE TO ELEVENTH AVENUE SOUTH. JENNIE R. F. BLAISDELL, APPELLANT.**
Commissioners appointed by the district court. Application by appellant to supreme court for a writ of certiorari. Application dismissed.
- Street No. 524. **IN RE OPENING, ETC., AN ALLEY THROUGH BLOCK 110 OF TOWN OF MINNEAPOLIS FROM TWELFTH AVENUE SOUTH TO THIRTEENTH AVENUE SOUTH. DAVID RAFTER AND OTHERS, APPELLANTS.**
Pending in district court. Court commissioners appointed.
- Street No. 523. **IN RE OPENING, ETC., THIRTEENTH STREET SOUTH FROM NICOLLET AVENUE TO THIRTEENTH STREET SOUTH. A. M. REID, APPELLANT.**
Court commissioners appointed.

SCHEDULE "F."

Cases Tried in Municipal Court for Violation of City Ordinances and State Laws, Where There Was a Contest, Attorneys Appearing for the Defendants.

Keeping gambling houses.....	5
Gambling.....	28
Assault and battery.....	49
Found in and keeping houses of ill fame, fornication and common prostitution.....	23
Disorderly conduct.....	48
Violation of liquor ordinances.....	93
Larceny and false pretense.....	20
Abusive language.....	15
Violation of health laws.....	9
Vicious dogs.....	14
Violation of building ordinance.....	10
Non-support.....	19
Violation of license ordinances (other than liquor).....	24
Disorderly saloon.....	2
Reckless driving.....	5
Lottery.....	3
Conspiracy.....	19
Total.....	306
Found guilty.....	283
Found not guilty and dismissed by the State.....	112
	306

ANNUAL REPORT
CITY ENGINEER,
1891.

CITY ENGINEER'S DEPARTMENT.

ANDREW RINKER,
City Engineer.

R. L. CON,
Chief Clerk.

CHAS. O. HUNTRESS,
Ass't City Engineer.

F. G. PARKHILL,
Head Bookkeeper.

NELLIE BURNS, *Stenographer.*

WATER WORKS DIVISION.

W. W. REDFIELD,
Engineer.

G. BOGERT,
Draughtsman.

SEWER DIVISION.

W. D. VANDUZEE,
Engineer.

R. J. STARK,
Bookkeeper.

CARL ILSTRUP,
Ass't Engineer.

J. W. FLEU,
Chief Inspector.

G. W. SUBLETTE,
Sup't of Construction.

AUGUST RYDH,
Time Keeper.

M. E. SLEEPER,
Street Foreman.

F. C. DETERLY,
Transitman.

Four Levelmen, four Rodmen, four Inspectors, two Clerks, two Draughtsmen.

STREET DIVISION.

I. E. HOWE,
Engineer.

B. H. DURHAM,
Transitman.

E. R. DUTTON,
Ass't Engineer.

W. F. DEALING,
Sup't of Sidewalks.

Five Levelmen, seven Rodmen, two Draughtsmen, two Clerks.

BRIDGE AND BUILDING DIVISION.

F. W. CAPPELFN,
Engineer.

A. B. COE,
Ass't Engineer.

One Draughtsman, one Rodman, one Inspector.

MINNEAPOLIS, MINN., January 9th, 1892.

To the Honorable City Council, City of Minneapolis:

GENTLEMEN:—I herewith submit the report of the work done under the direction of the City Engineer's Department, during the year ending December 31st, 1891.

Respectfully submitted,
ANDREW RINKER,
City Engineer.

TABLES SHOWING THE WORK OF CITY ENGINEER'S DEPARTMENT, MINNEAPOLIS, MINN., FOR 1891.

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5.	Paving to be Laid 1892.
6.	Curb and Gutter Set Previous to January 1, 1892.
7.	Curb and Gutter Set During Season of 1891.
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TABLE No. 1.
INVENTORY OF PERMANENT PUBLIC IMPROVEMENTS, JANUARY 1, 1892,
CONSTRUCTED BY OR IN CHARGE OF THE CITY ENGINEER'S DEPT.

	L'ngth miles.	Length. feet.	Square yards.	Cost.
Pavement	39.6	212,207	958,354	\$1,276,896.65
Curb and gutter	101.3	534,820		568,342.00
Sewers and tunnels.....	98.4	519,613		3,267,873.17
Watermain.....	177.2	935,496		2,035,888.00
Franklin av. bridge over the Mississippi river..				143,430.27
Washington av. bridge over the Mississippi river				106,367.48
Tenth av. S. bridge over the Mississippi river....				106,000.00
Hennepin steel arch bridge over the Mississippi.				266,375.32
stone arch bridge, east channel Mississippi river				50,965.92
Plymouth av. bridge over the Mississippi river.				68,500.07
Twentieth av. N. bridge over the Mississippi river				109,110.03
Hennepin Island bridge, E. channel Mississippi .				4,894.18
First street N. " over Bassett's creek.....				6,000.00
Second street N. " " "				6,922.49
Washington av. N. " " "				8,685.00
Third street N. " " "				10,653.63
Fourth street N. " " "				8,040.29
Fifth street N. " " "				1,974.12
Lyndale avenue " " "				6,140.68
Fifth avenue N. " " "				1,942.00
Sixth avenue N. " " "				2,945.74
Tenth avenue N. " " "				6,899.54
Western avenue " No. 1, over Bassett's crk				1,980.39
Western avenue " No. 2, over Bassett's crk.				
" near Upton avenue.....				1,211.07
Cedar Lake road bridge over Bassett's creek....				9,233.75
Fifth avenue N. " " "				224.00
University av. " " University creek.				1,246.52
Fourth street S.E. " " "				7,309.70
Seventh av. S. E. " " "				1,370.65
Thirty-fourth av. S. bridge over Minnehaha erk.				470.95
Twenty-eighth av.S. " " "				323.41
Lyndale avenue " " "				1,000.00
Minnehaha avenue " " "				5,982.87
Chicago avenue " " "				500.00
Lyndale avenue " Shingle " "				1,891.27
Forty-fourth av. N. " " "				163.83
Sixth avenue S., bridge over Mill Co's. canal....				10,004.52
Washington avenue viaduct.....				35,902.64
Laurel avenue bridge over railroads.....				50,671.00
Fifteenth avenue S. E. bridge over railroads..				9,444.53
Penn avenue bridge over Bassett's creek.....				149.33
Washington av. bridge over Gt. Northern Ry....				
Hennepin av. " " "				
*Thirty-sixth street bridge near Lake Calhoun,				
under Motor tracks.				6,185.48
Superior av. bridge over Gt. Northern Ry. and				
M & St. L. Ry., built by private parties.....				
First av. N. bridge over Gt. Northern Ry. and M.				
& St. L. Ry., built by railway companies.....				
Second st. N. bridge over Gt. Northern Ry. and				
M & St. L. Ry., built by railway companies..				
Plymouth avenue viaduct.....				6,142.07
Royalston av. bridge over Gt. Northern Ry. and				
M & St. L. Ry., built by railway companies.				
Western av. bridge over Gt. Northern Ry. and				
M & St. L. Ry., built by railway companies.				
Lyndale av. bridge over Gt. Northern Ry. and				
M & St. L. Ry., built by the city.....				34,727.51
First street S. bridge over M. & St. L. Ry. and				
M. E. Ry., built by railway companies.....				
University av. S. E. bridge over Gt. Northern Ry.				
built by railway companies.....				
Fourth st. S. E. bridge over Gt. Northern Ry.,				
built by railway company.....				
Fourteenth av. S. E. bridge over Gt. Northern				
Ry., built by railway companies.....				
Church st. bridge over St. P. N. P. Ry., built				
by railway company.....				
State st. bridge over St. P. N. P. Ry., built by				
railway company.....				
Fourth av. N. bridge over St. P. N. P. Ry., built				
by railway company.....				
Cedar Lake road bridge over Gt. Northern Ry.,				
built by railway company.....				
Western av. bridge over Gt. Northern Ry., built				
by railway company.....				
First st. N. bridge over Gt. Northern Ry. and				
& St.L. built by railway companies.....				
	416.5	2,202,136	958,354	\$8,251,079.00

\$4,000 of this amount paid by Street Railway Company.

TABLE NO. 2.

EXPENDITURES FOR PUBLIC IMPROVEMENTS UNDER THE DIRECTION OF
THE CITY ENGINEER FROM JANUARY 1st, 1891, TO JANUARY 1st, 1892.

ENGINEERS—		
Pay rolls.....	\$42,152.98	
Stationery and office supplies.....	605.17	
Blank books, blanks, maps, plats, plat books and printing.....	558.64	
Draughtsmen supplies.....	181.73	
Instruments repairs (old).....	140.10	
Instrument tools, &c. (new).....	113.68	
Postage.....	85.98	
Telephone.....	35.50	
Livery.....	6.75	
Typewriter supplies.....	8.45	
Telegraph.....	1.02	
		* \$42,890.25
CITY HALL—		
Furniture, repairs, janitor's supplies, light and fuel.....		8,801.78
WARDS—		
Ward expense account—tools, repairs, supplies and street commissioner's pay rolls.....	137,211.96	
Ward expense—grading, contract work.....	4,809.38	
Ward expense—culverts and cross walks, material, street commissioners work.....	3,638.66	
		145,660.02
SIDEWALKS—		
New.....	44,118.46	
Repairs.....	1,789.32	
		45,907.78
Sweeping and cleaning pavement.....		24,865.01
Street sprinkling.....	73,905.12	
Bridge sprinkling.....	155.25	
		74,150.37
PAVING—		
Certified bills payable July, 1892 have been given for part of this amount.....	180,947.15	
Paving repairs.....	6,507.51	
		187,454.66
CURB AND GUTTER—		
Furnished, set and repairs; certified bills payable July 1892, have been given for part of this amount.....		63,493.58
CONDUITS—		
Paving repairs, and material for the Edison, Brush, Telephone and W. U. Telegraph companies' conduits; amount to cover these conduits deposited with city treasurer...		1,626.76
STREET RAILWAY CO.—		
Paving repairs, amount to cover this amount deposited with city treasurer.....		730.74
Dumps.....		183.34
Watering troughs and drinking fountains, material, labor and repairs.....		2,167.73
STREET LIGHTING—		
Moving lamp posts.....		130.00
Fourth Avenue North railroad crossings.....		133.75
STREET OPENING—		
Expense.....		329.10
BRIDGES AND BRIDGE REPAIRS—		
Material, tools and labor.....		111,509.21
Sewers.....		336,280.50
City scales.....		383.28
Special tax expense.....		1,550.15
Street signs.....		8.75
Harvest festival expense.....		181.47
North Minneapolis pumping station.....		45.87
Total.....		\$1,049,449.00

* The comptroller's amount for this item is larger than this, on account of his including certain expenditures which are not properly chargeable to the engineer's expense.

TABLE No. 3.
SUMMARY OF ALL PAVING LAID PREVIOUS TO JANUARY 1st, 1892.

KIND.		LENGTH.		Square Yards, 100ths.	Cost.
		Miles 100ths.	Feet. 100ths		
Cedar.....	Streets.....	31.549	166,582.38	771,710.06	\$814,715.00
Cedar.....	Alleys.....	2.048	10,813.24	19,387.02	23,023.00
Cedar.....	Totals.....	33.597	177,395.62	791,077.07	\$837,738.00
Granite.....	Streets.....	4.101	21,655.00	121,887.29	\$306,068.90
Granite.....	Alleys.....	.176	926.00	1,505.21	3,902.09
Granite.....	Totals.....	4.277	22,581.00	123,392.50	\$309,970.99
Asphalt.....	Streets.....	1.248	6,592.00	42,691.40	\$123,524.68
Asphalt.....	Alleys.....	.121	638.00	1,192.34	2,900.51
Asphalt.....	Totals.....	1.369	7,230.00	43,883.74	\$126,515.14
Grand Totals.....		39.243	207,206.62	958,353.31	\$1,274,244.13

TABLE NO. 4.
PAVING DONE DURING THE SEASON OF 1901.

STREET.	FROM—	TO—	KIND.	Width of gutters, feet.	Width paved by St. Ry. Co., feet.	Width paved by city, feet.	Width of roadway, feet.	Rate of assess- ment per square yard.	Per square yard.	Excavation per cubic yard.	Length paved feet.	Square yards by city.	Cost.	CONTRACTOR.
Central av.	7th st. N. E.	23th av. N. E.	Cedar	15	36	50	50	.90	.80	.11	9,000	43,823	\$35,840.14	Williams & King.
Cedar av.	6th st.	7th st.	Cedar	15	35	50	50	.90	.85	.11	470	1,803	1,612.34	Williams & King.
Elwood av.	6th av. N.	10th av. N.	Cedar	9	32	34	34	.87	.86	.....	2,400	9,807.7	8,512.02	Jas. E. Snyder.
1st st. N.	3d av.	5th av.	Granite .....	.....	32	45	45	1.68	1.67	.....	600	3,157.5	5,272.90	Jas. E. Snyder.
5th st. N. E.	Central av.	1st av.	Cedar .....	.....	36	56	56	.90	.81	.11	400	2,510	2,033.10	Williams & King.
15th av. S. E.	Como av. ....	.....	Cedar	9	15	24	40	.90	.80	.11	3,380	9,003	7,235.85	Williams & King.
Grant st.	Nicollet av.	Vine pl.	Cedar .....	.....	38	38	38	.90	.84	.11	383	1,780	1,405.86	Williams & King.
Hennepin av.	Oak Grove st.	Groveland av.	Cedar .....	.....	131	146	146	.90	.82	.11	730	6,906	5,660.52	Williams & King.
Knox av.	10th av. N.	L. 23b. 4. Oak Pk.	Cedar .....	.....	107	122	122	.87	.86	.....	1,402	5,000	4,300.00	Jas. E. Snyder.
Marshall st.	4th av. N. E.	5th av. N. E.	Cedar .....	.....	32	34	34	.87	.86	.....	663	2,465	2,119.90	Jas. E. Snyder.
Nicollet av.	13th st.	Grant st.	Cedar .....	.....	40	40	40	.90	.85	.11	635	2,500	2,214.70	Williams & King. (Co
Park av.	23th st.	28th st.	Asphalt .....	.....	54	56	56	2.76	2.75	.45	2,030	13,030	35,865.80	Warren-Scharf As. P.
Plymouth av.	Lyndale av.	Dupont av.	Cedar	2	15	45	60	.90	.84	.11	1,290	6,388	5,372.96	Williams & King.
Riverside av.	Lyndale av.	29th av. S.	Cedar .....	.....	15	35	50	.90	.80	.11	1,122	4,717	3,780.22	Williams & King.
Royleston av.	R. R. bridge.	Highland av.	Cedar .....	.....	38	38	38	.90	.90	.....	1,750	2,881	2,592.02	Williams & King.
Stevens av.	Grant st.	23th st.	Cedar .....	.....	30	32	32	.90	.80	.11	6,060	26,326	21,136.48	Williams & King.
2d st. N. E.	Central av.	Broadway st.	Cedar .....	.....	23	34	36	.87	.86	.....	4,562	15,507	13,346.11	Jas. E. Snyder.
6th av. n.	5th st.	Lyndale av.	Cedar .....	.....	41	41	41	.90	.86	.14	2,712	8,068	6,955.28	Williams & King.
3d st. S.	11th av.	13th av.	Cedar .....	.....	37	33	50	.90	.82	.11	880	2,907.09	2,907.09	Williams & King.
Vine pl.	Grant st.	Groveland av.	Cedar .....	.....	33	34	34	.90	.80	.11	2,200	8,067	6,537.47	Williams & King.
Wash. av. N.	3d av.	5th av.	Cedar .....	.....	17	50	67	.90	.80	.....	700	3,704.4	3,376.08	Jas. E. Snyder.
.....	Total .....	.....	.....	.....	.....	43,308	181,453.6	.....	.....	.....	.....	.....	178,356.63	8,322 miles.
Asphalt .....	.....	.....	.....	.....	.....	2,030	.....	.....	.....	.....	.....	.....	25,865.80	3882 miles, asphalt.
Granite .....	.....	.....	.....	.....	.....	600	.....	.....	.....	.....	.....	.....	8,279.00	1136 miles, granite.

TABLE NO. 6.
SUMMARY OF ALL CURBS AND GUTTER SET PREVIOUS TO JANUARY 1, 1892.

	LENGTH.		Cost.
	Feet, 100ths.	Miles, 1000th.	
Kettle river sandstone.....	271,749.15	51.468	\$270,881.46
Limestone.....	137,823.07	26.103	176,971.16
Parkhurst's patent combined—artificial.....	111,006.50	21.024	98,457.97
Granolithic—artificial.....	8,005.20	1.516	7,204.68
Cement—artificial.....	2,356.30	.446	2,306.98
Granite.....	3,875.70	.734	4,417.91
Totals.....	534,819.92	101.291	\$530,243.16
Number of curb corners.....	644.00	.....	5,498.00
Number of stone catch basin covers.....	926.00	.....	11,613.00
Total cost.....	.....	.....	\$547,352.16

TABLE NO. 7.
CURB AND GUTTER SET DURING THE SEASON OF 1891.

STREET.	FROM—	TO—	KIND.	Depth of stone, inches.	Depth of gutter, inches.	Width of gutter, inches.	Thickness of curb, inches.	Rates of as- sessments per lineal ft.	Contract price per lineal ft.	Length.		Cost.
										Feet.	10ths.	
Cedar av.	7th st.	Franklin av.	Kettle River, without gut'r.	24	12	6	6	81	\$	2,290.9	.....	\$1,855.63
Central av.	10th st. N.E.	25th av. N.E.	Kettle River, without gut'r.	24	12	6	6	81	81	13,023.5	.....	10,549.04
Clifton av.	Vine Pl.	Clifton Pl.	Parkhurst Pat. Combined.	16	10	10	6	75	75	3,993.	.....	2,994.75
Dupont av.	Plym'th av.	20th av. N.	Kettle River, without gut'r.	24	12	6	6	81	81	4,941.	.....	4,002.21
1st av. N.	3rd av. N.	C.S.P.M. & O.	Granite, without gutter.	24	12	6	6	95	95	3,155.7	.....	2,997.91
4th av. N.E.	Main st.	5th st.	Kettle River, without gut'r.	24	12	6	6	81	81	2,597.2	.....	2,103.73
15th av. S.E.	4th st.	Hollins av.	Parkhurst Pat. Combined.	18	10	10	6	85	85	696	.....	501.60
Grant st.	Nicollet av.	Vine Pl.	Kettle River, without gut'r.	24	12	6	6	81	81	3,650.	.....	2,920.00
Groveland av.	Vine Pl.	Pillsbury av.	Kettle River, without gut'r.	24	12	6	6	81	81	689.5	.....	558.50
Hennepin av.	Oak Gr'vest	Gr'v'nd av.	Kettle River, without gut'r.	24	12	6	6	81	81	680.1	.....	550.88
Marshall st.	9th av. N.E.	10th av. N.E.	Kettle River, without gut'r.	24	12	6	6	81	81	783.3	.....	634.47
Main st. N.E.	6th av.	Broadw'y st.	Kettle River, without gut'r.	30	15	6	6	1.10	1.10	132.3	.....	145.53
Monroe st.	3rd av. N.E.	18th av. N.E.	Kettle River, without gut'r.	24	12	6	6	81	81	3,587.4	.....	2,905.70
Nicollet av.	At	13th st.	Kettle River, without gut'r.	24	12	6	6	81	81	9,121.1	.....	7,988.09
Oak Lake av.	6th av. N.	10th av. N.	Kettle River, without gut'r.	24	12	6	6	81	81	49.6	.....	40.17
Plymouth av.	Lyndale av.	Dupont av.	Kettle River, without gut'r.	24	12	6	6	81	81	2,702.9	.....	2,189.35
Riverside av.	Cedar av.	20th av. S.	Kettle River, without gut'r.	24	12	6	6	81	81	2,274.8	.....	1,842.50
2nd st. N.	8th av.	Broadw'y st.	Kettle River, without gut'r.	24	12	6	6	81	81	1,720.	.....	1,393.30
3rd st. N.	2nd st.	Wash. av.	Kettle River, without gut'r.	24	12	6	6	81	81	2,005.	.....	1,672.65
10th av. N.	11th av.	Cedar av.	Kettle River, without gut'r.	24	12	6	6	81	81	749.1	.....	606.77
Vine Pl.	Wash. av.	Oak Lake av.	Kettle River, without gut'r.	24	12	6	6	81	81	3,623.8	.....	2,935.28
Wash. av. N.	Grant st.	Oak Gr'vest	Kettle River, without gut'r.	24	12	6	6	81	81	1,537.6	.....	1,245.45
Wash. av. N.	3rd av.	5th av.	Kettle River, without gut'r.	30	15	6	6	1.10	1.10	2,486.3	.....	2,013.90
199 stone catch basin covers @ \$12.00.	20 curb corners @ \$8.00.	6 curb corners @ \$9.00.	Kettle River.	.....	.....	.....	.....	81	81	4,707.1	.....	3,812.75
Incidentals. ....	.....	.....	Granite. ....	.....	.....	.....	.....	.....	.....	72,444.3	.....	\$59,254.95
Total Parkhurst's Pat. Combined.										72,444.3	.....	\$59,254.95
Total Parkhurst's Pat. Combined.										72,444.3	.....	\$59,254.95
Total Parkhurst's Pat. Combined.										72,444.3	.....	\$59,254.95

* Total Parkhurst's Pat. Combined. † Total Granite. ‡ Total Kettle River. 11,5435 miles natural stone. 1,5703 miles Parkhurst Pat. Combined.

TABLE NO. 8.
CURB AND GUTTER ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1891.

All curb and gutter put in by the city is furnished and set by contract, and all assessable property is assessed by the front foot for its exact frontage on the street where curb and gutter is put in. The general city pays the cost of curb and gutter around corners and in front of property exempt from special assessments. The tax for curb and gutter is paid in five equal annual installments with interest at the rate of five (5) per centum per annum, on all deferred payments.

STREET.	FROM—	TO—	KIND.	Rate of as- sessment per front ft.	Length. Feet.	100ths.	Cost.	Amount of assessment.
*1st st. N.....	3rd av.....	C.St.P.M.&O.R.R.	Granite, without gutter.....	\$.06	3,153	.70	\$2,997.91	\$2,219.14
*2nd av. N.....	3rd st.....	4th st.....	Natural stone, without gutter.....	1.10	678		746.80	746.80
*2nd st N. E.....	8th av.....	Broadway st.....	Kettle River, without gutter.....	.81	2,065		1,672.65	1,337.23
3rd av. N.....	4th st.....	5th st.....	Natural stone, without gutter.....	1.10	800		880.00	746.44
*Wash. av. N....	3rd av.....	5th av.....	Kettle River, without gutter.....	1.10	1,106	.10	1,304.71	1,322.20
			Put in by owner.....		132		148.30	
			Put in 1891.....		6,538	.80	6,120.47	4,878.57
			To be put in 1892.....		1,478		1,623.80	1,494.24
			Totals.....		8,016	.80	\$7,746.27	\$6,372.81

* Put in 1891.

TABLE NO. 9.
SUMMARY OF SEWERS AND SEWER TUNNELS CONSTRUCTED PRIOR TO
JANUARY 1, 1892.

KIND.	Size inches.	Total length.	
		Feet.	Feet.
Vitrified Clay Pipe.....	9	82.4	148,760.0
" ".....	10	578.1	
Cement Pipe.....	12	81,524.3	
" ".....	15	44,624.1	
" ".....	18	19,864.1	
" ".....	24	2,017.0	
Brick.....	20	30.4	
" ".....	24	182,172.6	
" ".....	27	1,319.1	
" ".....	30	51,521.8	
" ".....	33	3,733.8	347,028.9
" ".....	36	34,239.1	
" ".....	39	406.6	
" ".....	40	3,872.2	
" ".....	42	9,623.6	
" ".....	44	2,852.4	
" ".....	45	665.1	
" ".....	48	4,533.4	
" ".....	51	396.8	
" ".....	54	7,526.5	
" ".....	60	12,961.5	
" ".....	66	331.8	
" ".....	72	9,930.5	
" ".....	75	664.4	
" ".....	78	665.8	
" ".....	84	1,266.6	
" ".....	87	590.3	
" ".....	90	7,781.9	495,788.9
" ".....	93	978.9	
" ".....	96	8,923.8	
98.9 Miles.....			

TUNNELS.

STREET.	FROM—	TO—	Length feet.
Eighth avenue S.....	River.....	Washington avenue.....	360.0
Eleventh avenue S.....	River.....	218.4 ft. N of Second St..	645.0
Fourth street S.....	River.....	Twenty-first avenue S.....	940.0
Tenth avenue S. E.....	River.....	University avenue.....	418.0
Northeast Minneapolis.....			7,235.3
Oak street.....			186.0
North Minneapolis.....			7,256.5
Third avenue N. E.....	River.....	Fifth street.....	1,733.5
Second street N. E.....	Central avenue.....	Broadway street.....	4,550.0
Total feet.....			23,634.3
Total miles.....			4.512

TABLE No. 10.
SEWERS CONSTRUCTED DURING THE SEASON OF 1891.

STREET.	FROM.	TO.	Size— inches.	Kind.	Shape.	Year of tax.	Length.	Cost.
Adams st.	Spring st.	15th av. N. E.	24	Brick.	Egg.	1800	2,876.9	\$10,587.41
Adams st.	15th av. N. E.	17th av. N. E.	15	Pipe.	Oval.	1800	840.2	3,915.28
Blaisdell av.	26th st.	28th st.	24	Brick.	Egg.	1800	1,320.8	5,876.98
Blaisdell av.	Franklin av.	22nd st.	12	Pipe.	Oval.	1800	553.0	1,196.43
Bryant av.	Sixth av. N.	Bassett's crk	12	Pipe.	Oval.	1801	300.8	476.92
*Cedar av.	Sixth st. S.	Ninth st. S.	24	Brick.	Egg.	1881	1,257.5	3,608.34
Cedar av.	Ninth st.	Franklin av.	12	Pipe.	Oval.	1801	327.7	759.34
Cedar av.	22nd st.	25th st.	24	Brick.	Egg.	1801	1,312.7	3,015.73
Cedar av.	25th st.	26th st.	12	Pipe.	Oval.	1801	607.8	1,255.28
Cedar av.	26th st.	Lake st.	36	Brick.	Egg.	1801	2,604.5	12,122.44
Cedar av.	Lake st.	33rd st.	24	Brick.	Egg.	1801	1,983.2	5,430.49
Cedar av.	33rd st.	34th st.	12	Pipe.	Oval.	1891	531.9	1,106.45
Columbus av.	Franklin av.	18th st.	24	Brick.	Egg.	1800	22.5	1,064.15
Delaware st.	Oak st.	Harvard st.	15	Pipe.	Oval.	1800	854.6	814.0
Eighth st N E.	Third av.	2nd av.	15	Pipe.	Oval.	1800	404.3	1,254.89
Eighth st S E.	Second av.	Central av.	12	Pipe.	Oval.	1800	268.7	1,087.18
Franklin av.	Chicago av.	Col'mbus av.	24	Brick.	Egg.	1800	329.3	1,028.26
Fourth st N E.	First av.	Central av.	12	Pipe.	Oval.	1801	301.2	2,289.64
Fifth st. N. E.	Central av.	First av.	24	Brick.	Egg.	1800	26.3	1,764.08
Fifth st. N. E.	Third av.	Second av.	15	Pipe.	Oval.	1800	280.1	1,366.35
Fifth st. N. E.	First av.	Second av.	12	Pipe.	Oval.	1800	13.5	1,394.86
Fifth st. S.	Fifteenth av.	16th av.	24	Brick.	Egg.	1800	402.5	1,529.71
Fifth st. S.	Sixteenth av.	17th av.	15	Pipe.	Oval.	1800	408.5	1,065.27
Fifteenth st.	Spruce Place.	Vine Place.	24	Brick.	Egg.	1800	22.1	556.88
Fifth av. S.	24th st.	25th st.	12	Pipe.	Oval.	1800	321.2	1,375.95
Fourteenth st	Vine Place.	Nicollet av.	24	Brick.	Egg.	1800	22.4	585.50
Fourteenth st	Spruce Place.	Willow st.	12	Pipe.	Oval.	1800	192.5	339.56
Fourteenth st	Spruce Place.	Vine Place.	24	Brick.	Egg.	1800	22.4	540.55
14th av. S. E.	Fifth st.	Seventh st.	30	Brick.	Egg.	1800	812.0	4,226.06
14th av. S. E.	Seventh st.	Division st.	24	Brick.	Egg.	1800	3,023.3	9,342.40
Girard av.	Plymouth av.	12th av. N.	24	Brick.	E. & O.	1800	22.2	1,477.26
Groveland av.	Hennepin av.	Hillside Pl.	15	Pipe.	E. & O.	1800	387.4	4,167.43
Highland av.	Lyndale av.	432 ft. E. of Lyndale av.	24	Brick.	Egg.	1800	1,144.4	848.22
Hennepin av.	27th st.	28th st.	12	Pipe.	Oval.	1800	408.1	3,349.16
Hennepin av.	28th st.	Lake st.	24	Brick.	Egg.	1800	26.1	2,816.95
Hennepin av.	Lake st.	31st st.	15	Pipe.	Oval.	1800	649.7	1,779.33
James av.	Elwood av.	Alley blk. 14 & 15 Oak.	12	Pipe.	Oval.	1801	118.2	357.24
Logan av.	Crystal Lk av.	Hillside av.	24	Brick.	Egg.	1800	736.7	3,080.22
Lyndale av.	Third av. N.	Fifth av. N.	12	Pipe.	Oval.	1800	739.4	1,595.97
Lyndale av.	Sixth av. N.	Fifth av. N.	24	Brick.	Egg.	1800	503.6	1,270.78
Lyndale av.	20th av. N.	26th av. N.	24	Brick.	Egg.	1800	2,498.0	7,343.61
Lyndale av.	26th av. N.	20th av. N.	54	Brick.	Egg.	1800	1,281.3	6,320.45
Laurel av.	Colfax av.	Lyndale av.	24	Brick.	Egg.	1800	985.5	2,700.23
Laurel av.	Lyndale av.	16th st.	15	Pipe.	Oval.	1800	630.4	1,577.09
Laurel av.	Sixteenth st.	Hennepin av	12	Pipe.	Oval.	1800	615.0	1,486.75
Monroe st.	Spring st.	18th av. N. E.	24	Brick.	Egg.	1800	1,548.1	10,862.76
Park av.	26th st.	25th st.	24	Brick.	Egg.	1800	24.4	2,004.89
Park av.	27th st.	28th st.	12	Pipe.	Oval.	1800	577.7	2,985.30
Park av.	27th st.	29th st.	27	Brick.	Egg.	1800	647.6	6,504.55
Park av.	29th st.	Lake st.	24	Brick.	Egg.	1800	1,330.1	1,823.60
Park av.	20th st.	Lake st.	12	Pipe.	Oval.	1800	570.8	2,056.55
Willsbury av.	27th st.	28th st.	24	Brick.	Egg.	1800	647.0	6,129.27
Portland av.	27th st.	28th st.	24	Brick.	Egg.	1800	1,349.6	1,782.21
Portland av.	20th st.	Lake st.	12	Pipe.	Oval.	1800	587.3	2,664.48
Pleasant av.	27th st.	28th st.	24	Brick.	Egg.	1802	646.5	2,664.48
Ridgewood av.	Lyndale av.	Pleasant av.	15	Pipe.	Oval.	1800	952.1	2,632.70
Spruce pl.	Grant st.	14th st.	12	Pipe.	Oval.	1800	245.1	878.78
Spruce pl.	14th st.	15th st.	24	Brick.	Egg.	1800	282.9	734.22
Spruce pl.	Yale place.	Harmon pl.	15	Pipe.	Oval.	1802	390.4	471.34
17th st.	Chicago av.	Park av.	12	Pipe.	Oval.	1800	196.4	1,205.43
2d av. S.	27th st.	29th st.	24	Brick.	Egg.	1800	572.9	6,452.61

*From Seventh street to Ninth street in taxes of 1891.

TABLE NO. 10.—Continued.

SEWERS CONSTRUCTED DURING THE SEASON OF 1891.

STREET.	FROM.	TO.	Size—Inches.	Kind	Shape.	Year of tax.	Length.	Cost.
3d av. S.	29th st.	33d st.	24	Brick.	Egg	1890	2,523.3	8,193.69
7th st. S.E.	14th av.	13th av.	24	Brick.	Egg	1890	23.7	981.60
7th st. S.E.	3d av.	5th av.	12	Pipe.	Oval	1890	322.8	2,380.43
7th st. S.E.	7th av.	285 ft. West.	15	Pipe.	Oval	1890	882.3	775.60
2d st. N.	15th av.	15th av.	15	Pipe.	Oval	1890	285.3	4,067.62
2d st. N.	10th av.	20th av.	30	Brick.	Egg	1890	1,141.3	5,973.70
Stevens av.	Franklin av.	22d st.	24	Brick.	Egg	1890	1,813.6	1,263.62
Stevens av.	24th st.	22d st.	12	Pipe.	Oval	1890	602.7	1,524.10
Stevens av.	24th st.	33d st.	12	Pipe.	Oval	1890	664.4	1,550.15
2d st. N.E.	Central av.	Broadway st.	15	Pipe.	Oval	1890	658.9	10,668.73
2d st. N.E.	15th av.	22d av.	36	Brick.	Egg	1891	4,550.0	7,540.73
2d st. S.E.	22d av.	25th av.	33	Brick.	Egg	1891	1,354.2	6,505.34
Thomas pl.	Elwood av.	Logan av.	24	Brick.	Egg	1891	47.7	2,508.38
3d av. N. (shaft)	Near 5th st.		12	Pipe.	Oval	1891	525	1,106.07
3d av. N.	N. Mpls Tunnel		36	Brick.	Egg	1891	611.3	3,503.92
3d av. S.	27th st.	26th st.	24	Brick.	Egg	1891	647.5	2,834.14
10th av. N.	5th st.	Bassett's c'k	12	Pipe.	Oval	1890	301	961.40
10th av. N.	8th av.	Bassett's c'k	12	Pipe.	Oval	1890	368.7	1,221.34
22d st.	14th av. S.	15th av. S.	24	Brick.	Egg	1890	22.7	710.10
24th st.	Chicago av.	Columb's av.	12	Pipe.	Oval	1890	271.4	621.54
24th st.	Minnehaha av.	23d av. S.	24	Brick.	Egg	1890	253.0	1,683.37
24th st.	33d av. S.	27th av. S.	96	Brick.	Circ'l'r	1890	427.6	34,288.07
Univ. av. N.E.	Broadway st.	9th av.	24	Brick.	Egg	1890	427.6	2,890.37
Univ. av. N.E.	9th av.	8th av.	15	Pipe.	Oval	1890	397.3	2,257.00
Univ. av. N.E.	8th av.	7th av.	12	Pipe.	Oval	1890	354.9	2,003.76
Vine place.	14th st.	Grant st.	24	Brick.	Egg	1890	21.6	764.43
Vine place.	15th st.	14th st.	15	Pipe.	Oval	1890	361.9	624.04
Vine place.	19th st.	Franklin av.	12	Pipe.	Oval	1890	400.1	1,385.04
Yale place.	13th st.	12th st.	24	Brick.	Egg	1890	129.7	1,193.74
Yale place.	Spruce pl.	13th st.	12	Pipe.	Oval	1890	488.4	1,188.60
Yale place.	Willow st.	Spruce pl.	24	Brick.	Egg	1890	391.2	1,051.29

LATERALS FOR WHICH NO ASSESSMENT IS MADE.

STREET.	FROM—	TO—	Size, Inches	Kind.	Shape.	L'gth.	Cost.
25th st.	Center of Hen. av.	W'y House line	24	Brick.	Egg	17.0	\$174.02
Dupont av.	Hennepin av.	22d street	12	Pipe.	Oval	35.8	460.46
Emerson av.	E'y House line	W'y H. L. on Hen. av.	24	Brick.	Egg	193.4	1,439.53
Girard av.	Center Hen. av.	W'y H. L. on Hen. av.	33	Brick.	Egg	225.2	195.23
Fronton av.	Center Hen. av.	W'y H. L. on Hen. av.	24	Brick.	Egg	48.0	118.21
27th st.	W. carbon Hen. av.	E. carbon Hen. av.	12	Pipe.	Oval	45.0	1,164.38
Franklin av.	Center of Hen. av.	W'st H. L. of Hen. av.	60	Brick.	Egg	95.9	194.00
Lincoln av.	Center of Hen. av.	W. H. L. of Hen. av.	24	Brick.	Egg	74.4	86.88
Summit av.	Center of Hen. av.	W. H. L. of Hen. av.	12	Pipe.	Oval	61.3	97.08
Douglas av.	Center of Hen. av.	W. H. L. of Hen. av.	12	Pipe.	Oval	60.0	78.38
26th st.	W. carbon Cedar av.	E. carbon Cedar av.	96	Brick.	Egg	40.0	497.00

MISCELLANEOUS.

9 catch basins on Dupont Av. at 4th, 5th and 6th Aves. N.	\$309.56
Test holes on Adams street and Monroe street	93.15
Draining ponds at Western avenue and Dupont avenue	190.75
Draining Hoag lake	1,210.51
4th Street South tunnel, outfall extension	314.58
Old sewers	11,710.58
Sewers built in 1890	3,062.63
Sewer inspectors	5,402.48
Rents	446.28
Cement department inspection	1,939.93
Sewer, water and house connection inspection	4,080.45
Flushers	27.08
Machinery	2,783.90
Engineers (sewer department)	14,250.68

Grand total.....miles, 13,708; feet, 72,381.3 \$349,908.55

SUMMARY OF TABLE NO. 10.

Size Inches.	Length Feet.
12.....	16,247.3
15.....	9,520.4
24.....	32,058.4
27.....	647.6
30.....	4,091.6
33.....	1,356.2
36.....	4,570.0
54.....	1,281.3
60.....	95.9
96.....	2,512.6
Total feet.....	72,381.3
Total miles.....	13.709

SUPPLEMENT.

HOUSE CONNECTION INSPECTION—SEWER AND WATER.

Number of sewer connections inspected.....	562
Number of water connections inspected.....	986
Number of water pipe extensions inspected.....	47
Number of repairs inspected.....	331
Total number of inspections.....	1,976
Number of square yards of cedar paving taken up.....	4,227
Number of square yards of granite paving taken up.....	554
Amount paid city for inspection.....	\$3,581.22
Amount paid city for repaving.....	1,540.80
Cost of inspection, inspector's pay rolls.....	\$4,080.45
Net cost to city of inspection.....	469.12

TABLE NO. 11.

ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1891.

FROM—	TO.	Kind.	Shape.	Size, inches.	Length, feet.	Amount of assessment.	Estimated cost.
Plymouth av.	14th av. N.	Brick.	Egg	24	386	\$850.95	\$1,473.98
Eighth av. N.	11th av. N.	Brick.	Egg	24	955	2,649.30	3,018.27
Plymouth av.	18th av. N.	Brick.	Egg	24	1,970	6,330.15	8,172.65
18th av. N.	20th av. N.	Pipe	Oval	12	604		
26th street	24th street	Brick.	Egg	24	1,305	5,261.67	5,503.70
24th street	22nd street	Pipe	Oval	15	653		
14th street	15th street	Pipe	Oval	12	265	578.88	563.85
Franklin av.	24th street	Brick.	Egg	24	1,327	2,982.11	3,660.07
24th street	26th street	Pipe	Oval	15			
		Pipe	Oval	12	1,244	3,270.42	2,814.02
Lake street	36th street	Brick.	Egg	24	5,902	10,077.37	15,657.59
		Pipe	Oval	12			
Seventh st.	Franklin av.	Brick.	Egg	24	1,312	2,003.38	3,802.49
		Pipe	Oval	12			
22nd st.	34th street	Brick.	Egg	36	7,052	17,742.48	25,212.18
		Pipe	Oval	24			
Lyndale av.	17th street	Brick.	Egg	24	265		
17th street	15th street	Pipe	Oval	15	720	3,721.50	3,742.05
15th street	12th street	Pipe	Oval	12	620		
Lyndale av.	Dupont av.	Pipe	Oval	12	1,029	2,552.55	2,512.04
Columbus av.	Chicago av.	Pipe	Oval	15	345	696.88	924.04
Harvard st.	Oak street	Pipe	Oval	12	762	1,819.13	2,040.05
17th street	18th street	Brick.	Egg	24	348		
18th street	19th street	Pipe	Oval	15	460	5,131.50	4,502.68
19th street	22nd street	Pipe	Oval	12	1,062		
32nd street	33rd street	Brick.	Egg	24	659	1,765.50	2,088.51
20th avenue	21st av.	Brick.	Egg	24	403	744.00	1,131.41
Central av.	First av.	Pipe	Oval	12	391	849.00	2,025.00
14th avenue	15th av.	Pipe	Oval	15	405		
14th avenue	13th av.	Pipe	Oval	12	360	1,666.50	2,233.77
25th street	27th st.	Brick.	Egg	24	1,226	3,344.04	3,855.88
14th avenue	15th av.	Brick.	Egg	24	389	908.70	1,172.63
2nd avenue	3rd av.	Pipe	Oval	15	401		
First avenue	2nd av.	Pipe	Oval	12	390	1,683.00	2,127.47
Lyndale av.	Hennepin av.	Brick.	Egg	42	313	475.50	1,603.17
Mt. Curve av.	Franklin av.	Brick.	Egg	24	1,513	3,356.25	3,922.95
Franklin av.	27th st.	Brick.	Egg	30	3,568	8,171.55	9,889.56
27th street	28th st.	Pipe	Oval	15	665		
28th street	Lake st.	Pipe	Oval	12	1,123	6,830.33	7,500.00
Lake street	31st st.	Pipe	Oval	15	643		
Elwood av.	Alley in blk. 15						
	Oak Park	Pipe	Oval	12	119	261.15	300.00
Western av.	5th av. N.	Pipe	Oval	15	637	1,181.40	2,703.26
Lyndale av.	17th st.	Pipe	Oval	15	274		
17th street	16th st.	Pipe	Oval	12	320	1,350.00	1,779.12
Chestnut av.	Erie av.	Brick.	Egg	24	1,800	3,839.25	7,265.31
8th av. N.	Plymouth av.	Brick.	Egg	54	2,026		
Plymouth av.	15th av. N.	Brick.	Egg	51	792		
15th av. N.	18th av. N.	Brick.	Egg	42	1,182	11,586.68	31,920.25
18th av. N.	20th av. N.	Brick.	Egg	36	664		
3rd av. N. E.	Spring st.	Brick.	Egg	24	849	2,022.89	5,094.41
Portland av.	Park av.	Pipe	Oval	12	590	1,315.88	1,340.30
Yale Place	Harmon Place	Pipe	Oval	12	341	619.50	719.38
Central av.	Broadway st.	Tun'l.			4,550	10,894.13	26,299.85
18th av.	25th av.	Brick.	Egg	36	2,480	6,055.72	14,300.00
10th av.	12th av.	Brick.	Egg	24	810	1,807.87	2,975.30

90. †Built in 1891. ‡Built in 1891, partly.

TABLE NO. 11.—Continued.

SEWERS ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1891.

STREET—	FROM—	TO.	Kind.	Shape.	Size, inches.	Length, feet.	Amount of asses-ment.	Estimat- ed cost.
17th street....	Chicago av....	10th av. S....	Pipe ..	Oval ..	12	652	1,288.50	1,487.31
Third av. N....	N. Mpls. tun'l.	4th street	Pipe ..	Oval ..	15	289	807.68	3,126.86
+Third av. N....	N. Mpls. tun'l.	5th street	Brick..	Egg ..	36	125		
3rd av. N. E....	5th street	Madison st....	Tun'l..			600	1,258.36	6,000.00
*3rd st. N....	19th av....	20th av....	Brick..	Egg ..	24	324	602.95	896.70
12th av. N....	Wash. av....	W. line lot 8, blk. 1, Case & Others Sub..	Pipe ..	Oval ..	12	274	481.55	795.13
12th av. S....	36th street....	28th st....	Brick..	Egg ..	24	1,300	2,832.82	3,819.03
13th av. N. E....	Marshal st....	Grand st....	Brick..	Egg ..	24	401	1,611.75	2,188.65
13th av. N. E....	Grand st....	Main st....	Pipe ..	Oval ..	12	220		
22nd av. S....	Riverside av.	7th st....	Brick..	Egg ..	24	375	601.35	1,207.89
22nd av. S....	Seventh st....	9th st....	Pipe ..	Oval ..	15	936	1,679.70	2,958.17
23rd street....	14th av. S....	15th av. S....	Pipe ..	Oval ..	12	299	670.80	700.00
24th av. S....	26th street....	25th st....	Brick..	Egg ..	24	646	1,606.20	2,230.37
26th av. S....	26th street....	25th st....	Brick..	Egg ..	24	646	1,608.56	2,388.52
26th street....	Minnehaha av	27th av. S....	Brick..	Cir....	96	1,639	2,111.61	25,240.60
27th street....	Lyndale av....	Aldrich av....	Brick..	Egg ..	66	329	5,324.25	3,238.43
27th street....	Aldrich av....	Hennepin av.	Brick..	Cir....	60	2,148		22,048.40
*Monroe st....	224 feet from Bd'w'y st. M. H.	18½ av. N. E. }	Brick..	Egg ..	24	2,314		
			Pipe...	Oval ..	15	360		10,073.88
+7th st. S. E....	285.3 ft. from 7th st. M. H.	5th av....	Brick..	Egg ..	15	125		
			Pipe...	Oval ..	12	358		1,207.66
*Como av....	23rd av. S. E....	26th av. S. E....	Brick..	Egg ..	24	1,149		5,556.06
*First av. S....	27th street....	29th st....	Brick..	Egg ..	30	1,332		
*First av. S....	29th street....	32nd st....	Brick..	Egg ..	24	1,865		12,634.35
Built previous to 1892.....						32,094	\$75,809.70	\$122,334.24
Remaining to be built 1892.....						43,718	83,253.49	201,460.96
Grand Total.....						76,412	\$159,063.19	\$323,795.20

*Built in 1890. +Built in 1891. \$Left over from 1891.

SUMMARY OF TABLE NO. 11.

KIND.	Shape.	Size, inches.	Estimat- ed length, feet.
Pipe.....	Oval	12	7,552
Pipe.....	Oval	15	5,316
Brick.....	Egg	24	20,138
Brick.....	Egg	30	1,332
Brick.....	Egg	36	664
Brick.....	Egg	42	1,182
Brick.....	Egg	51	792
Brick.....	Egg	54	2,026
Brick.....	Egg	60	2,148
Brick.....	Egg	66	329
Brick.....	Circular	96	1,639
Brick and stone.....	Tunnel		600
Total, 8.28 miles.....			43,718

TABLE No. 12.

GRADING DONE BY CONTRACT IN 1891.

STREET.	FROM.	TO.	WARD.	Price per cubic yd.	Cubic yards.	Cost.	Name of Contractor
Stock Yards road.....	Broadway street.	City limits.....	9	.16	25,707	\$4,122.72	Gorman & Peterson.
Thirty-second av. N....	Penn avenue.....	Crystal lake avenue.....	10	.19	3,614	686.66	Canney Bros.
					29,321	\$4,809.38	

TABLE NO. 13.

SIDEWALKS LAID DURING THE SEASON OF 1891.

The whole cost of sidewalks is assessed to abutting property. Property owners are allowed to lay their own walks, subject to the inspection of this department. Men are employed and paid by the lineal foot to lay plank walks not laid by the owners. Stone walks laid by the city are laid by contract.

FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost.
4th st. N. E.	13th av.	18th av.	West.	6				1,371	1,371	
4th st. N. E.	18th av.	20th	Both.	6				1,168	1,168	
5th st. N. E.	1st av.	2nd av.	West.	6	132			132	132	
Island av.	North of G. N. Ry.		Inland.	6	1,756	100		1,856	1,856	
Marshall st.	8th av. N. E.	13th av. N. E.	East.	6	1,392	334		1,726	1,726	
Marshall st.	22d av. N. E.	26th av. N. E.	Both.	6			341	2,992	3,233	
2d st. N. E.	13th av.	26th av.	Both.	6			267	2,538	2,795	
University av. N. E.	Central av.	5th av.	Both.	6	76				76	
University av. N. E.	6th av.	7th av.	Both.	6	340				340	
University av. N. E.	18th av.	20th av.	Both.	6				1,245	1,245	
					2,638	434	608	9,204	13,942	\$6,146.00

SECOND WARD.

Beacon st.	Pleasant st.	Union st.	South.	6	6	1,074	1,074	1,074
Delaware st.	Oak st.	Church st.	South.	6	6	506	506	506
11th av. S. E.	6th st.	7th st.	East.	6	6	358	358	358
4th av. S. E.	4th st.	5th st.	East.	6	6	225	225	225
4th st. S. E.	2nd av.	3rd av.	North.	6	6	368	368	368
4th st. S. E.	6th av.	7th av.	West.	6	6	218	218	218
4th st. S. E.	7th av.	8th av.	North.	6	6	66	66	66
4th st. S. E.	8th av.	9th av.	Both.	6	6	212	212	212
4th st. S. E.	10th av.	11th av.	South.	6	6	278	278	278
4th st. S. E.	11th av.	12th av.	Both.	6	6	358	358	358
4th st. S. E.	12th av.	13th av.	South.	6	6	504	504	504
4th st. S. E.	13th av.	14th av.	North.	6	6	243	243	243
4th st. S. E.	14th av.	15th av.	East.	6	6	146	146	146
4th st. S. E.	15th av.	16th av.	South.	6	6	294	294	294
4th st. S. E.	16th av.	17th av.	North.	6	6	218	218	218
4th st. S. E.	17th av.	18th av.	Both.	6	6	358	358	358
4th st. S. E.	18th av.	19th av.	South.	6	6	464	464	464
4th st. S. E.	19th av.	20th av.	North.	6	6	270	270	270
4th st. S. E.	20th av.	21st av.	West.	6	6	185	185	185
4th st. S. E.	21st av.	22nd av.	East.	6	6	165	165	165
4th st. S. E.	22nd av.	23rd av.	West.	6	6	80	80	80
4th st. S. E.	23rd av.	24th av.	South.	6	6	202	202	202
4th st. S. E.	24th av.	25th av.	East.	6	6	636	636	636
4th st. S. E.	25th av.	26th av.	Both.	6	6	805	805	805
4th st. S. E.	26th av.	27th av.	South.	6	6	300	300	300
4th st. S. E.	27th av.	28th av.	North.	6	6	537	537	537
4th st. S. E.	28th av.	29th av.	East.	6	6	350	350	350
4th st. S. E.	29th av.	30th av.	South.	6	6	782	782	782
4th st. S. E.	30th av.	31st av.	Both.	6	6	464	464	464
4th st. S. E.	31st av.	32nd av.	South.	6	6	120	120	120
4th st. S. E.	32nd av.	33rd av.	North.	6	6	142	142	142
4th st. S. E.	33rd av.	34th av.	East.	6	6	448	448	448
4th st. S. E.	34th av.	35th av.	South.	6	6	183	183	183
4th st. S. E.	35th av.	36th av.	Both.	6	6	380	380	380
4th st. S. E.	36th av.	37th av.	West.	6	6	40	40	40
4th st. S. E.	37th av.	38th av.	East.	6	6	564	564	564
4th st. S. E.	38th av.	39th av.	South.	6	6	132	132	132
4th st. S. E.	39th av.	40th av.	North.	6	6	358	358	358
4th st. S. E.	40th av.	41st av.	East.	6	6	17,262	17,262	17,262
4th st. S. E.	41st av.	42nd av.	South.	6	6	4,625	4,625	4,625
4th st. S. E.	42nd av.	43rd av.	Both.	6	6	3,510	3,510	3,510
4th st. S. E.	43rd av.	44th av.	West.	6	6	1,372	1,372	1,372
4th st. S. E.	44th av.	45th av.	East.	6	6	7,746	7,746	7,746
4th st. S. E.	45th av.	46th av.	South.	6	6	80,200.02	80,200.02	80,200.02

TABLE NO. 13.—Continued.

THIRD WARD

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by own- ers, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by own- ers, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Bradford av.	7th av. N.	8th av. N.	West.	6				60	60	
Crystal lake av.	Penn av.	26th av. N.	North.	6			802	170	972	
Emerson av.	6th av. N.	11th av. N.	West.	6			200	500	700	
8th av. N.	2d st.	3d st.	West.	6	210	42			252	
8th av. N.	Emerson av.	Bryant av.	Both.	6			581	670	1,251	
11th av. N.	Girard av.	Knox av.	North.	6			934	221	1,155	
Fremont av.	23d av. N.	26th av. N.	Both.	6			910	1,032	1,942	
4th st.	23d av. N.	26th av. N.	Both.	6				1,044	1,966	
5th av. N.	23d st.	3d st.	Both.	8	178				1,776	
5th st. N.	9th av.	10th av.	West.	8			50	50	100	
5th st. N.	14th av.	15th av.	West.	6				59	59	
Girard av.	25th av. N.	26th av. N.	Both.	6			59	678	737	
Girard av.	18th av. N.	20th av. N.	Both.	6				531	531	
Illion av.	James av.	Crystal lake av.	Both.	4				254	254	
Irving av.	21st av.	22d av.	East.	6				824	824	
Irving av.	25th av. N.	26th av. N.	Both.	6			118		734	
Logan av.	Crystal lake av.	Hillside av.	Both.	6				544	544	
Morgan av.	10th av. N.	Plymouth av.	South.	6			434	1,301	1,825	
Morgan av.	19th av. N.	Crystal lake av.	Both.	6			45	844	889	
Newton av.	Hillside av.	Crystal lake av.	Both.	6			61	634	695	
Oak lake av.	6th av. N.	7th av. N.	Both.	6				320	320	
Oliver av.	21st av. N.	23d av. N.	East.	6			180	711	891	
Penn av.	6th av. N.	10th av. N.	Both.	6				2,341	2,341	
Penn av.	17th av. N.	19th av. N.	West.	6				563	563	
Penn av.	19th av. N.	Crystal lake av.	Both.	6			542	9,856	3,398	
Plymouth av.	Washington av.	2d st.	North.	12	331				331	
Plymouth av.	Washington av.	2d st.	North.	12	48				48	
Queen av.	150 ft. S. of 17th av. N.	17th av. N.	Both.	6				1,235	1,235	
Queen av.	128 ft. S. of 17th av. N.	18th av. N.	West.	6				378	378	
Queen av.	6th av. N.	10th av.	Both.	6				128	128	
Russell av.	3d st.	10th av.	Both.	8	287			2,442	2,442	
5th av. N.	6th st.	5th st.	Both.	6				287	287	
6th av. N.	Hogav.	10th av.	North.	6	64	54			118	
6th av. N.	Humboldt av.	10th av.	North.	6			296	1,720	3,016	
6th av. N.	Lyndale av.	10th av.	North.	6				1,154	1,154	
6th st. N.	Newton av.	Plymouth av.	Both.	6	55			110	165	

THIRD WARD.

24th av.	36th av.	6	189	835	1,024
Bradford av.	Oak lake av.	Both.		27	27
6th av.	7th av.	Both.	90		313
12th av.	Plymouth av.	East.	214		122
30th av.	22d av.	Both.	122		1,030
3d st.	23d av.	Both.	448	1,072	835
Aldrich av.	Duport av.	Both.			1,478
River	3d st.	Both.	385	501	
2d st.	3d st.	Both.	193	114	307
Emerson av.	James av.	Both.	38	300	448
30th av.	Crystal lake av.	Both.	225	507	1,072
26th av.	Emerson av.	Both.	354	1,217	1,217
25th av.	Clarendon av.	Both.		1,253	1,253
23d av.	Crystal lake av.	Both.	123	380	203
24th av.	3d st.	Both.	560	920	920
24th av.	Duport av.	Both.	400	400	400
34th av.	Logan av.	Both.	735	200	995
25th av.	6th st.	Both.	107	480	647
25th av.	Duport av.	Both.	167	480	829
25th av.	Freemont av.	Both.	100	2,234	2,334
25th av.	James av.	Both.			171
25th av.	Penn av.	Both.	171		
Washington av.	14th av. N.	East.			
		18			
		2 138	8,956	35,231	40,520
		195			\$17,280.67

FOURTH WARD.

Aldrich av.	Western av.	6th av N.	Both.	998
Bryant av.	Western av.	6th av N.	Both.	787
Cedar Lake road	Western av.	Bassett Creek	East.	1,400
Colfax av.	Western av.	6th av N.	Both.	150
Douglas av.	Dupont av.	Knox av.	North.	392
Dupont av.	Erie av.	Superior av.	East.	1,080
Dupont av.	Douglas av.	Franklin av.	West.	1,414
Dupont av.	Ontario av.	Superior av.	West.	370
Erie av.	Hennepin av.	Dupont av.	South.	688
Erie av.	Lyndale av.	Groveland av.	North.	634
Forest av.	Lyndale av.	Dupont av.	North.	688
Franklin av.	Phillipsbury av.	Dupont av.	North.	1,148
Franklin av.	Lyndale av.	Dupont av.	North.	574
Franklin av.	Lyndale av.	Dupont av.	North.	1,272
Franklin av.	Lyndale av.	Dupont av.	North.	352
Franklin av.	Lyndale av.	Dupont av.	North.	352
Franklin av.	Lyndale av.	Dupont av.	North.	100
Franklin av.	Lyndale av.	Dupont av.	North.	1,088
Franklin av.	Lyndale av.	Dupont av.	North.	1,408
Franklin av.	Lyndale av.	Dupont av.	North.	698
Franklin av.	Lyndale av.	Dupont av.	North.	682
Franklin av.	Lyndale av.	Dupont av.	North.	581
Franklin av.	Lyndale av.	Dupont av.	North.	1,043
Franklin av.	Lyndale av.	Dupont av.	North.	992
Franklin av.	Lyndale av.	Dupont av.	North.	972
Franklin av.	Lyndale av.	Dupont av.	North.	972

TABLE 13.—Continued.
FOURTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owner, crs. feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owner, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost.
14th st.	Nicollet av.	Spruce Place.	Both.	6	313	174	174	174	348	
15th st.	Nicollet av.	Spruce Place.	Both.	6	176		174	174	487	
16th st.	Linden av.	Hawthorn av.	West.	6	176				176	
Girard av.	Douglas av.	Franklin av.	West.	6	176	159	159	159	1,126	
Grant st.	Nicollet av.	Spruce Place.	Both.	6	176				176	
Groveland av.	Ridgewood av.	Lyndale av.	Both.	6	187				665	
Hennepin av.	Spruce Place.	Harmon Place.	South.	6	187				187	
Humboldt av.	Mt. Curve av.	Douglas av.	East.	6	229	144			173	
Laurel av.	Bryant av.	Douglas av.	Both.	6	229				229	
Linden av.	15th st.	Lyndale av.	Both.	6	309				309	
Lyndale av.	17th st.	Lyndale av.	Both.	6	250				250	
Lyndale av.	Hawthorn av.	Linden av.	Both.	6	159				159	
Lyndale av.	Ontario av.	Erle av.	West.	6	159				317	
Lyndale av.	Lincoln av.	Franklin av.	West.	6	506				583	
Lyndale av.	Groveland av.	Franklin av.	East.	8	506				1,429	
Nicollet av.	Grant st.	15th st.	West.	8	295				295	
Penn av.	5th av N.	15th st.	West.	6	295				295	
Pleasant av.	Ridgewood av.	Franklin av.	Both.	6	947				947	
Queen av.	Kenwood boul.	South line 4th ward.	West.	6	947				947	
Ridgewood av.	Pillsbury av.	Lyndale av.	Both.	6	947				947	
Sheridan av.	Kenwood boul.	Franklin av.	Both.	6	2,067	100			3,067	
6th av N.	Bradford av.	Oak Lake av.	South.	6	902				902	
6th av N.	Lyndale av.	Colfax av.	South.	6			134	105	105	
17th st.	Laurel av.	Erle av.	Both.	6				58	102	
3d av N.	Aldrich av.	Colfax av.	Both.	6				297	297	
Vine Place.	Grant st.	17th st.	Both.	6	1,283	75			1,358	
					9,542	176	2,797	19,247	31,761	\$16,202.25

FIFTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owner, crs. feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owner, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost.
Chicago av.	14th st.	15th st.	East.	6	159				159	
Chicago av.	18th st.	19th st.	West.	6	159				159	
Clinton av.	14th st.	15th st.	West.	6	159				159	
Clinton av.	Franklin av.	24th st.	Both.	6	159				159	

FIFTH WARD.

8th av. S.	8d st.	4th st.	East	8	129					129
8th av. S.	7th st.	8th st.	East	8	8					341
18th st.	24th st.	24th st.	South	6	6					273
18th st.	24th st.	24th st.	South	6	6					267
18th st.	24th st.	24th st.	South	6	6	100				150
18th st.	24th st.	24th st.	South	6	6					42
Franklin av.	Chicago av.	10th av. S.	North	6						114
Franklin av.	Chicago av.	10th av. S.	North	6						60
Franklin av.	Chicago av.	10th av. S.	North	6						364
1st av. S.	14th st.	14th st.	East	8	171					171
4th av. S.	14th st.	14th st.	East	8	33					33
6th av. S.	14th st.	14th st.	Both	8	151					217
6th av. S.	14th st.	14th st.	Both	8	66					66
6th av. S.	14th st.	14th st.	Both	8	179					179
6th av. S.	14th st.	14th st.	Both	8	150					481
14th st.	Nicollet av.	3d av. S.	South	6						138
14th st.	Nicollet av.	3d av. S.	South	6						104
14th st.	Nicollet av.	3d av. S.	South	6						318
14th st.	Nicollet av.	3d av. S.	South	6						123
14th st.	Nicollet av.	3d av. S.	South	6						60
14th st.	Nicollet av.	3d av. S.	South	6						55
14th st.	Nicollet av.	3d av. S.	South	6						108
14th st.	Nicollet av.	3d av. S.	South	6						137
14th st.	Nicollet av.	3d av. S.	South	6						130
14th st.	Nicollet av.	3d av. S.	South	6						120
14th st.	Nicollet av.	3d av. S.	South	6						394
14th st.	Nicollet av.	3d av. S.	South	6						421
14th st.	Nicollet av.	3d av. S.	South	6						213
14th st.	Nicollet av.	3d av. S.	South	6						45
14th st.	Nicollet av.	3d av. S.	South	6						149
14th st.	Nicollet av.	3d av. S.	South	6						181
14th st.	Nicollet av.	3d av. S.	South	6						100
14th st.	Nicollet av.	3d av. S.	South	6						101
14th st.	Nicollet av.	3d av. S.	South	6						179
14th st.	Nicollet av.	3d av. S.	South	6						179
14th st.	Nicollet av.	3d av. S.	South	6						76
14th st.	Nicollet av.	3d av. S.	South	6						136
14th st.	Nicollet av.	3d av. S.	South	6						422
14th st.	Nicollet av.	3d av. S.	South	6						140
14th st.	Nicollet av.	3d av. S.	South	6						196
Washington av. S.	8th av.	10th av.	South	18	2848	66	1010	4008	8089	\$10,190 00

SIXTH WARD.

23d av. S.	Riverside av.	7th st.	West.	128	128
23d av. S.	6th st.	7th st.	Both.	184	184
24th av. S.	6th st.	7th st.	Both.	626	626
24th av. S.	6th st.	7th st.	Both.	126	126
26th av. S.	6th st.	7th st.	Both.	220	204
				3,364	11,763
			1,441		96,310.54

SEVENTH WARD.

Chicago av.	Lake st.	24th st.	East.	100	244	404
18th av. S.	24th st.	24th st.	Both.	1,929	1,632	3,506
Lake st.	Bloomington av.	18th av. S.	Both.		1,074	1,074
Minnehaha av.	24th st.	25th st.	East.	1,001		1,001
16th av. S.	24th st.	25th st.	Both.	256	234	580
16th av. S.	Lake st.	25th st.	Both.	306	1,802	2,007
22d av. S.	Lake st.	22d st.	Both.		1,030	1,170
23d av. S.	Chicago av.	11th av. S.	Both.	130	1,000	1,000
25th st.	11th av. S.	13th av. S.	South.		260	300
25th st.	12th av. S.	22d av. S.	Both.		62	932
26th st.	Minnehaha av.	14th av. S.	Both.	130	915	1,045
26th st.	18th av. S.	18th av. S.	Both.	502	233	932
31st st.	18th av. S.	Cedar av.	Both.		538	538
33d st.	18th av. S.	Cedar av.	Both.	137		137
				3,419	9,394	15,876
			3,103			4,135.06

EIGHTH WARD.

Aldrich av.	Franklin av.	22d st.	West.	76	76
Bryant av.	28th st.	27th st.	Both.	365	1,171
Blasdel av.	31st st.	32d st.	Both.	582	582
Chicago av.	Lake st.	34th st.	West.	1,416	2,218
Clinton av.	24th st.	25th st.	East.	465	458
Clinton av.	25th st.	26th st.	Both.	270	480
Clinton av.	26th st.	Lake st.	Both.	2,049	2,049
Clinton av.	32d st.	33d st.	West.	467	537
Columbus av.	28th st.	29th st.	East.	468	468
1st av. S.	29th st.	30th st.	West.	56	56
4th av. S.	29th st.	Lake st.	East.	359	772
5th av. S.	24th st.	25th st.	East.	237	237
5th av. S.	26th st.	27th st.	West.	50	335
Grand av.	Lake st.	31st st.	West.	46	46

TABLE No. 13.—Continued.
EIGHTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Harriet av.	25th st.	26th st.	East.	6	151		90	390	630	
Lake st.	5th av. S.	Chicago av.	Both.	8				128	128	
Nicollet av.	Franklin av.	26th st.	West.	8	570			112	601	
Nicollet av.	33d st.	26th st.	East.	8			90	400	490	
Park av.	24th st.	32d st.	Both.	8	5,485	800			6,285	
Pleasant av.	25th st.	26th st.	West.	8				175	175	
Pleasant av.	26th st.	27th st.	West.	8				76	76	
Pleasant av.	33d st.	34th st.	Both.	8				908	908	
Queen av.	21st st.	N. line 8th ward.	West.	8	271				271	
Stevens av.	26th st.	27th st.	Both.	6	500				500	
Stevens av.	28th st.	29th st.	Both.	6				324	324	
Stevens av.	30th st.	Lake st.	Both.	6				776	776	
Stevens av.	30th st.	Lake st.	West.	6				45	45	
2d av. S.	24th st.	25th st.	West.	6	58				58	
6 1/2 av. S.	25th st.	26th st.	West.	6				92	92	
6 1/2 av. S.	26th st.	27th st.	West.	6				40	40	
6 1/2 av. S.	27th st.	28th st.	West.	6			87	400	556	
24th st.	31st st.	34th st.	Both.	8	176			233	490	
24th st.	Portland av.	6 1/2 av. S.	Both.	8		40			40	
27th st.	Pillsbury av.	Lyndale av.	North.	6				984	984	
27th st.	Pillsbury av.	Garfield av.	South.	6				1,021	1,021	
28th st.	56th av. S.	Chicago av.	Both.	8			134	391	625	
28th st.	56th av. S.	Chicago av.	South.	8				47	47	
28th st.	DuPont av.	Hennepin av.	North.	8				923	923	
29th st.	Nicollet av.	Pleasant av.	Both.	6			258	1,942	2,300	
29 1/2 st.	Nicollet av.	Pleasant av.	North.	6			303	776	1,079	
30th st.	Nicollet av.	Blaisdell av.	North.	8				263	263	
30 1/2 st.	1st av. S.	2d av. S.	South.	8				276	276	
30 1/2 st.	Portland av.	Park av.	Both.	8				233	233	
30 1/2 st.	Blaisdell av.	Pillsbury av.	Both.	8			178	435	603	
30 1/2 st.	Nicollet av.	Pillsbury av.	Both.	8	30			766	766	
					8,079	1,006	2,818	19,311	31,804	\$13,442.85

NINTH WARD.

Adams st.	44th av. NE.	35th av. NE.	Both.	4,387	308	4,043	4,395
Central av.	Broadway st.	36th av. NE.	Both.	310	...	4,043	4,353
18th av. NE.	Monroe st.	37th av. NE.	East.	...	...	2,080	2,448
18th av. NE.	Fluore st.	Buchanan st.	Both.	...	786	1,306	2,062
18th av. NE.	Central av.	Taylor st.	North.	...	...	1,347	547
18th av. NE.	Central av.	Polk st.	South.	48	...	1,652	1,652
4th av. NE.	Madison st.	5th st.	North.	280	...	100	308
Jackson st.	18th av. NE.	18th av. NE.	South.	267	...	313	573
Jefferson st.	Summer st.	Broadway st.	Both.	...	51	86	304
Jefferson st.	Spring st.	Summer st.	East.	528	497	120	617
Jefferson st.	Spring st.	Broadway st.	West.	1,195	...	89	617
Lincoln st.	22d av. NE.	26th av. NE.	Both.	...	1,050	1,260	1,165
Madison st.	Spring st.	Summer st.	Both.	1,105	...	...	1,105
Monroe st.	Broadway st.	Summer st.	Both.	...	...	316	316
Pierce st.	Division st.	Winter st.	Both.	...	418	2,557	759
Polk st.	26th av. NE.	29th av. NE.	Both.	...	1,129	988	3,086
Quincy st.	5th st.	Broadway st.	Both.	480	80	1,528	1,528
Spring st.	Jefferson st.	Adams st.	Both.	276	...	294	540
Spring st.	5th st.	Monroe st.	Both.	102	138	200	530
17th av. NE.	25th av. NE.	Jefferson st.	Both.	608	140	1,136	1,884
Taylor st.	Washington av.	27th av. NE.	Both.	...	616	1,712	2,328
13th av. NE.	Washington av.	6th st.	North.	...	...	285	285
20th av. NE.	Jackson st.	Taylor st.	Both.	...	1,526	818	2,344
24th av. NE.	Monroe st.	Fluore st.	Both.	100	1,130	2,411	3,641
26th av. NE.	Monroe st.	Taylor st.	Both.	...	272	1,000	1,272
				9,746	308	23,869	41,919
							\$13,517.97

TENTH WARD.

Fremont av.	26th av. N.	27th av. N.	Both.	...	...	1,131	1,216
Penn av.	26th av. N.	34th av. N.	West.	...	...	2,577	3,643
Penn av.	26th av. N.	34th av. N.	East.	...	...	323	611
2d st. N.	26th av. N.	32d av. N.	Both.	...	...	2,161	2,323
26th av. N.	26th av. N.	Washington av.	South.	...	...	...	...
26th av. N.	2d st.	Washington av.	Both.	...	...	1,315	2,013
26th av. N.	2d st.	Emerson av.	North.	...	...	2,046	2,046
26th av. N.	2d st.	Washington av.	Both.	...	...	391	291
31st av. N.	2d st.	3d st.	North.	...	...	344	615
32d av. N.	R. R.	Washington av.	South.	...	...	361	624
32d av. N.	Washington av.	Penn av.	Both.	...	...	3,000	4,458
Washington av. N.	32d av.	34th av.	Both.	...	...	1,973	2,442
Washington av. N.	34th av.	36th av.	West.	...	...	...	539
				5,561	...	13,512	21,075
							\$1,880.50

TABLE NO. 13.—Continued.
ELEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Butler place.....	22nd av. S.....	23rd av. S.....	South..	4			202		202	
Cedar av.....	7th st.....	Franklin av.....	East..	8			61		61	
8th st. S.....	11th av.....	13th av.....	South..	8			70		70	
9th st. S.....	16th av.....	17th av.....	North..	8			110		110	
10th st. S.....	20th av.....	21st av.....	Both..	8			230		230	
11th st. S.....	17th av.....	R. R.....	Both..	8			250		250	
12th st. S.....	10th av.....	12th av.....	South..	6	132				132	
13th st. S.....	13th av.....	16th av.....	Both..	8	60				60	
14th st. S.....	19th av.....	20th av.....	South..	8					146	
15th st. S.....	13th av.....	22nd av.....	South..	8			100		100	
16th av. S.....	Riverside av.....	7th st.....	West..	8			225		225	
17th st. S.....	7th st.....	Franklin av.....	Both..	8			113		113	
18th av. S.....	18th av. S.....	Cedar av.....	North..	8			143		143	
19th st. S.....	Riverside av.....	Franklin av.....	West..	8			22		22	
20th st. S.....				201			880	941	2,022	\$3,907.54
TWELFTH WARD.										
41st av. S.....	52nd st.....	53rd st.....	West..	6	617				617	
53 1/2 st.....	31st av.....	34th av.....	South..	6			542		542	
9th av. S.....	34th st.....	36th st.....	Both..	6				2,402	2,402	
10th av. S.....	34th st.....	36th st.....	Both..	6	60		824		1,007	
12th av. S.....	36th st.....	38th st.....	Both..	8			773		1,775	
14th av. S.....	38th st.....	40th st.....	Both..	8			830	1,120	1,950	
16th av. S.....	40th st.....	10th av. S.....	West..	6			267	272	539	
18th st.....	Chicago av.....		South..	6						
20th st.....				677			2,463	4,762	7,922	\$1,601.48
THIRTEENTH WARD.										
Chicago av.....	35th st.....	36th st.....	West..	6				554	554	
Lyndale av.....	34th st.....	35th st.....	East..	8				613	613	
Portland av.....	34th st.....	35th st.....	East..	8			1,321	1,760	3,081	
34th st.....	34th st.....	35th st.....	West..	8				1,223	1,223	
36th st.....	36th st.....	Chicago av.....	South..	8			130	2,101	2,230	
							1,460	6,361	7,711	\$2,050.44

SUMMARY OF TABLE NO. 13.

WARD.	LENGTH.				Total cost.
	Artificial stone walk laid by owners	Artificial stone walk laid by city.	Plank walk laid by owners	Plank walk laid by city.	
	Feet.	Feet.	Feet.	Feet.	
First.....	2,636	434	608	9,204	\$6,149.00
Second.....	7,746	1,372	3,519	4,625	9,200.02
Third.....	2,138	195	8,956	35,231	17,280.67
Fourth.....	9,542	175	2,797	19,247	16,202.25
Fifth.....	2,848	66	1,010	4,068	10,190.60
Sixth.....	1,441	.....	3,954	6,353	8,310.54
Seventh.....	3,103	.....	3,449	9,324	4,135.08
Eighth.....	8,079	1,096	2,818	19,311	13,444.82
Ninth.....	9,746	208	9,196	22,869	13,517.97
Tenth.....	.....	.....	5,563	15,512	4,880.59
Eleventh.....	201	.....	890	941	2,907.54
Twelfth.....	677	.....	2,463	4,782	1,691.48
Thirteenth.....	.....	.....	1,460	6,251	2,020.44
Totals.....	48,157	6,546	46,663	157,718	\$109,931.00

49.07 miles.

TABLE No. 14.
SIDEWALKS ORDERED FOR 1892.
FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
8th av. N. E.	River.....	2d st.....	Both..	6	1	2,794.3	..	81,676.58	..
4th av. N. E.	2d st.....	University av.....	South..	6	1	160	..	96.00	..
4th st. N. E.	1st av.....	3d av.....	West..	6	1	424.5	..	254.70	..
4th st. N. E.	Broadway st.....	18th av.....	Both..	6	1	..	2,872.5	..	\$ 689.40
4th st. N. E.	20th av.....	27th av.....	Both..	6	1	..	5,278.9	..	1,266.02
5th av. N. E.	Main st.....	University av.....	Both..	6	1	1,440	..	864.00	..
5th st. N. E.	2d av.....	6th av.....	West..	6	1	335.5	..	201.30	..
14th av. N. E.	4th st.....	4½ st.....	Both..	6	1	..	207.5	..	40.80
Island av.....	Gt. N. Ry.....	Bridge at.....	Inland..	6	1	841.9	..	505.14	..
Main st. N. E.	5th av.....	Broadway st.....	West..	12	10	1,784.5	..	2,052.18	..
Main st. N. E.	9th av.....	Broadway st.....	East..	6	11	736.8	..	436.08	..
Ramsey st.....	6th av. N. E.....	8th av. N. E.....	Both..	6	12	..	1,716.5	..	411.06
2d st. N. E.	2d av.....	3d av.....	East..	6	13	..	..	..	..
2d st. N. E.	6th av.....	Broadway st.....	Both..	6	14	3,165	..	1,809.60	..
8th av. N. E.	Marshall st.....	Main st.....	South..	6	15	..	177	..	42.48
8th av. N. E.	University av.....	5th st.....	North..	6	16	..	717	..	172.08
8th av. N. E.	4th st.....	5th st.....	South..	6	17	..	358	..	85.02
7th av. N. E.	Marshall st.....	Sibley st.....	Both..	6	18	..	1,408.1	..	337.94
7th av. N. E.	Main st.....	University av.....	Both..	6	19	1,250	..	755.40	..
13th av. N. E.	Marshall st.....	Main st.....	South..	6	20	..	346	..	83.04
22d av. N. E.	Marshall st.....	23d st.....	Both..	6	21	..	2,437.9	..	585.10
25th av. N. E.	Marshall st.....	5th st.....	Both..	6	22	..	4,847.5	..	1,163.42
University av. N. E.	1st av.....	3d av.....	East..	6	23	162	..	97.20	..
University av. N. E.	5th av.....	Broadway st.....	East..	6	24	1,188.5	..	713.10	..
						14,282.0	20,366.9	\$0,550.68	4,988.06

•All built.

SECOND WARD.

Church st. 1st av. S. E.	Delaware st. University av.	Cambridge st. Bedford st.	West W.	6	1	338 1,506.8	\$85.50 370.63
2nd av. S. E.	University av.	4th st.	West.	6	2		
3rd av. S. E.	University av.	9th av.	West.	6	3	\$222.00	
4th av. S. E.	University av.	9th av.	North.	6	4	185.76	
5th st. S. E.	University av.	6th st.	West.	6	5	130	
6th st. S. E.	University av.	6th st.	South.	6	6		
7th st. S. E.	University av.	6th st.	West.	6	7	639.5	
8th st. S. E.	University av.	6th st.	West.	6	8	333.00	
9th st. S. E.	University av.	6th st.	East.	6	9	218.40	
10th st. S. E.	University av.	6th st.	West.	6	10	358	
11th st. S. E.	University av.	6th st.	North.	6	11		
12th st. S. E.	University av.	6th av.	South.	6	12	30.00	
13th st. S. E.	University av.	6th av.	North.	6	13	70.20	
14th av. S. E.	University av.	10th av.	North.	6	14	152	
15th st. S. E.	University av.	18th av.	North.	6	15	1,347.5	
16th st. S. E.	University av.	4th st.	West.	6	16	185	
17th st. S. E.	University av.	5th st.	West.	6	17	179	
18th st. S. E.	University av.	6th st.	West?	6	18	218.40	
19th st. S. E.	University av.	3d av.	West?	6	19	91.20	
20th st. S. E.	University av.	15th av.	North	6	20	152	
21st st. S. E.	University av.	8th st.	South	6	21	507.60	
22nd st. S. E.	University av.	well's 1st Addition	East.	6	22	199.56	
23rd st. S. E.	University av.	4th st.	Both.	6	23	196.00	
24th st. S. E.	University av.	6th st.	Both.	6	24	782.40	
25th st. S. E.	University av.	Rollins av	West.	6	25	267.00	
26th st. S. E.	University av.	R. R.	West.	6	26	867.72	
27th st. S. E.	University av.	Addition	West	6	27	501.6	
28th st. S. E.	University av.	Moulton's Addition	West	6	28		
29th st. S. E.	University av.	Moulton's Addition	West	6	29	71.5	
30th st. S. E.	University av.	4th st.	West.	6	30	179	
31st st. S. E.	University av.	4th st.	West.	6	31	179	
32nd st. S. E.	University av.	4th st.	West.	6	32	179	
33rd st. S. E.	University av.	4th st.	West.	6	33	179	
34th st. S. E.	University av.	4th st.	West.	6	34	179	
35th st. S. E.	University av.	4th st.	West.	6	35	179	
36th st. S. E.	University av.	4th st.	West.	6	36	179	
37th st. S. E.	University av.	4th st.	West.	6	37	179	
38th st. S. E.	University av.	4th st.	West.	6	38	179	
39th st. S. E.	University av.	4th st.	West.	6	39	179	
40th st. S. E.	University av.	4th st.	West.	6	40	179	
41st st. S. E.	University av.	4th st.	West.	6	41	179	
42nd st. S. E.	University av.	4th st.	West.	6	42	179	
43rd st. S. E.	University av.	4th st.	West.	6	43	179	
44th st. S. E.	University av.	4th st.	West.	6	44	179	
45th st. S. E.	University av.	4th st.	West.	6	45	179	
46th st. S. E.	University av.	4th st.	West.	6	46	179	
47th st. S. E.	University av.	4th st.	West.	6	47	179	
48th st. S. E.	University av.	4th st.	West.	6	48	179	
49th st. S. E.	University av.	4th st.	West.	6	49	179	
50th st. S. E.	University av.	4th st.	West.	6	50	179	
51st st. S. E.	University av.	4th st.	West.	6	51	179	
52nd st. S. E.	University av.	4th st.	West.	6	52	179	
53rd st. S. E.	University av.	4th st.	West.	6	53	179	
54th st. S. E.	University av.	4th st.	West.	6	54	179	
55th st. S. E.	University av.	4th st.	West.	6	55	179	
56th st. S. E.	University av.	4th st.	West.	6	56	179	
57th st. S. E.	University av.	4th st.	West.	6	57	179	
58th st. S. E.	University av.	4th st.	West.	6	58	179	
59th st. S. E.	University av.	4th st.	West.	6	59	179	
60th st. S. E.	University av.	4th st.	West.	6	60	179	
61st st. S. E.	University av.	4th st.	West.	6	61	179	
62nd st. S. E.	University av.	4th st.	West.	6	62	179	
63rd st. S. E.	University av.	4th st.	West.	6	63	179	
64th st. S. E.	University av.	4th st.	West.	6	64	179	
65th st. S. E.	University av.	4th st.	West.	6	65	179	
66th st. S. E.	University av.	4th st.	West.	6	66	179	
67th st. S. E.	University av.	4th st.	West.	6	67	179	
68th st. S. E.	University av.	4th st.	West.	6	68	179	
69th st. S. E.	University av.	4th st.	West.	6	69	179	
70th st. S. E.	University av.	4th st.	West.	6	70	179	
71st st. S. E.	University av.	4th st.	West.	6	71	179	
72nd st. S. E.	University av.	4th st.	West.	6	72	179	
73rd st. S. E.	University av.	4th st.	West.	6	73	179	
74th st. S. E.	University av.	4th st.	West.	6	74	179	
75th st. S. E.	University av.	4th st.	West.	6	75	179	
76th st. S. E.	University av.	4th st.	West.	6	76	179	
77th st. S. E.	University av.	4th st.	West.	6	77	179	
78th st. S. E.	University av.	4th st.	West.	6	78	179	
79th st. S. E.	University av.	4th st.	West.	6	79	179	
80th st. S. E.	University av.	4th st.	West.	6	80	179	
81st st. S. E.	University av.	4th st.	West.	6	81	179	
82nd st. S. E.	University av.	4th st.	West.	6	82	179	
83rd st. S. E.	University av.	4th st.	West.	6	83	179	
84th st. S. E.	University av.	4th st.	West.	6	84	179	
85th st. S. E.	University av.	4th st.	West.	6	85	179	
86th st. S. E.	University av.	4th st.	West.	6	86	179	
87th st. S. E.	University av.	4th st.	West.	6	87	179	
88th st. S. E.	University av.	4th st.	West.	6	88	179	
89th st. S. E.	University av.	4th st.	West.	6	89	179	
90th st. S. E.	University av.	4th st.	West.	6	90	179	
91st st. S. E.	University av.	4th st.	West.	6	91	179	
92nd st. S. E.	University av.	4th st.	West.	6	92	179	
93rd st. S. E.	University av.	4th st.	West.	6	93	179	
94th st. S. E.	University av.	4th st.	West.	6	94	179	
95th st. S. E.	University av.	4th st.	West.	6	95	179	
96th st. S. E.	University av.	4th st.	West.	6	96	179	
97th st. S. E.	University av.	4th st.	West.	6	97	179	
98th st. S. E.	University av.	4th st.	West.	6	98	179	
99th st. S. E.	University av.	4th st.	West.	6	99	179	
100th st. S. E.	University av.	4th st.	West.	6	100	179	
101st st. S. E.	University av.	4th st.	West.	6	101	179	
102nd st. S. E.	University av.	4th st.	West.	6	102	179	
103rd st. S. E.	University av.	4th st.	West.	6	103	179	
104th st. S. E.	University av.	4th st.	West.	6	104	179	
105th st. S. E.	University av.	4th st.	West.	6	105	179	
106th st. S. E.	University av.	4th st.	West.	6	106	179	
107th st. S. E.	University av.	4th st.	West.	6	107	179	
108th st. S. E.	University av.	4th st.	West.	6	108	179	
109th st. S. E.	University av.	4th st.	West.	6	109	179	
110th st. S. E.	University av.	4th st.	West.	6	110	179	
111th st. S. E.	University av.	4th st.	West.	6	111	179	
112th st. S. E.	University av.	4th st.	West.	6	112	179	
113th st. S. E.	University av.	4th st.	West.	6	113	179	
114th st. S. E.	University av.	4th st.	West.	6	114	179	
115th st. S. E.	University av.	4th st.	West.	6	115	179	
116th st. S. E.	University av.	4th st.	West.	6	116	179	
117th st. S. E.	University av.	4th st.	West.	6	117	179	
118th st. S. E.	University av.	4th st.	West.	6	118	179	
119th st. S. E.	University av.	4th st.	West.	6	119	179	
120th st. S. E.	University av.	4th st.	West.	6	120	179	
121st st. S. E.	University av.	4th st.	West.	6	121	179	
122nd st. S. E.	University av.	4th st.	West.	6	122	179	
123rd st. S. E.	University av.	4th st.	West.	6	123	179	
124th st. S. E.	University av.	4th st.	West.	6	124	179	
125th st. S. E.	University av.	4th st.	West.	6	125	179	
126th st. S. E.	University av.	4th st.	West.	6	126	179	
127th st. S. E.	University av.	4th st.	West.	6	127	179	
128th st. S. E.	University av.	4th st.	West.	6	128	179	
129th st. S. E.	University av.	4th st.	West.	6	129	179	
130th st. S. E.	University av.	4th st.	West.	6	130	179	
131st st. S. E.	University av.	4th st.	West.	6	131	179	
132nd st. S. E.	University av.	4th st.	West.	6	132	179	
133rd st. S. E.	University av.	4th st.	West.	6	133	179	
134th st. S. E.	University av.	4th st.	West.	6	134	179	
135th st. S. E.	University av.	4th st.	West.	6	135	179	
136th st. S. E.	University av.	4th st.	West.	6	136	179	
137th st. S. E.	University av.	4th st.	West.	6	137	179	
138th st. S. E.	University av.	4th st.	West.	6	138	179	
139th st. S. E.	University av.	4th st.	West.	6	139	179	
140th st. S. E.	University av.	4th st.	West.	6	140	179	
141st st. S. E.	University av.	4th st.	West.	6	141	179	
142nd st. S. E.	University av.	4th st.	West.	6	142	179	
143rd st. S. E.	University av.	4th st.	West.	6	143	179	
144th st. S. E.	University av.	4th st.	West.	6	144	179	
145th st. S. E.	University av.	4th st.	West.	6	145	179	
146th st. S. E.	University av.	4th st.	West.	6	146	179	
147th st. S. E.	University av.	4th st.	West.	6	147	179	
148th st. S. E.	University av.	4th st.	West.	6	148	179	
149th st. S. E.	University av.	4th st.	West.	6	149	179	
150th st. S. E.	University av.	4th st.	West.	6	150	179	
151st st. S. E.	University av.	4th st.	West.	6	151	179	
152nd st. S. E.	University av.	4th st.	West.	6	152	179	
153rd st. S. E.	University av.	4th st.	West.	6	153	179	
154th st. S. E.	University av.	4th st.	West.	6	154	179	
155th st. S. E.	University av.	4th st.	West.	6	155	179	
156th st. S. E.	University av.	4th st.	West.	6	156	179	
157th st. S. E.	University av.	4th st.	West.	6	157	179	
158th st. S. E.	University av.	4th st.	West.	6	158	179	
159th st. S. E.	University av.	4th st.	West.	6	159	179	
160th st. S. E.	University av.	4th st.	West.	6	160	179	
161st st. S. E.	University av.	4th st.	West.	6	161	179	
162nd st. S. E.	University av.	4th st.	West.	6	162	179	
163rd st. S. E.	University av.	4th st.	West.	6	163	179	
164th st. S. E.	University av.	4th st.	West.	6	164	179	
165th st. S. E.	University av.	4th st.	West.	6	165	179	
166th st. S. E.	University av.	4th st.	West.	6	166	179	
167th st. S. E.	University av.	4th st.	West.	6	167	179	
168th st. S. E.	University av.	4th st.	West.	6	168	179	
169th st. S. E.	University av.	4th st.	West.	6	169	179	
170th st. S. E.	University av.	4th st.	West.	6	170	179	
171st st. S. E.	University av.	4th st.	West.	6	171	179	
172nd st. S. E.	University av.	4th st.	West.	6	172	179	
173rd st. S. E.	University av.	4th st.	West.	6	173	179	
174th st. S. E.	University av.	4th st.	West.	6	174	179	
175th st. S. E.	University av.	4th st.	West.	6	175	179	
176th st. S. E.	University av.	4th st.	West.	6	176	179	
177th st. S. E.	University av.	4th st.	West.	6	177	179	
178th st. S. E.	University av.	4th st.	West.	6	178	179	
179th st. S. E.	University av.	4th st.	West.	6	179	179	
180th st. S. E.	University av.	4th st.	West.	6	180	179	
181st st. S. E.	University av.	4th st.	West.	6	181	179	
182nd st. S. E.	University av.	4th st.	West.	6	182	179	
183rd st. S. E.	University av.	4th st.	West.	6	183	179	
184th st. S. E.	University av.	4th st.	West.	6	184	179	
185th st. S. E.	University av.	4th st.	West.	6	185	179	
186th st. S. E.	University av.	4th st.	West.	6	186	179	
187th st. S. E.	University av.	4th st.	West.	6	187	179	
188th st. S. E.	University av.	4th st.	West.	6	188	179	
189th st. S. E.	University av.	4th st.	West.	6	189	179	
190th st. S. E.	University av.	4th st.	West.	6	190	179	
191st st. S. E.	University av.	4th st.	West.	6	191	179	
192nd st. S. E.	University av.	4th st.	West.	6	192	179	
193rd st. S. E.	University av.	4th st.	West.				

TABLE No. 14.—Continued.
SECOND WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessment.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
3d av. S. E.	2d st.	University av.	East.	6	47	365		219.00	
10th av. S. E.	University av.	4th st.	East.	6	48	370		222.10	
12th av. S. E.	8th st.	Railroad	East.	6	49	445.7		297.42	
12th av. S. E.	University av.	4th st.	Both.	6	50	555		333.00	
12th av. S. E.	7th st.	8th st.	Both.	6	51		554.5		133.07
University av. S. E.	2d av.	2d av.	South.	6	52	365		219.00	
University av. S. E.	3d av.	4th av.	North.	6	53				
University av. S. E.	5th st.	6th st.	North.	6	54	218		130.50	
University av. S. E.	8th av.	9th av.	North.	6	55	86		51.00	
University av. S. E.	14th av.	15th av.	North.	6	56		358		85.92
University av. S. E.	16th av.	18th av.	North.	6	57		636		153.54
University av. S. E.	Malcom av.	City limits.	North.	6	58		1,415.7		339.76
						17,191.4	8,848.5	\$10,314.24	\$2,100.20

*All built.

THIRD WARD.

Aldrich av., in front of	Lot 30 and S. 5 ft. of Lot 31.	Blk. 7, Menage's 4th addition.	West.	6	1		35		8.40
Aldrich av.	6th av. N. Lot 14, Blk. 5, Menage's 4th addition.	11th av. N.	West.	6	2		355.5		85.32
Aldrich av.	11th av. N. opp. Blk. 1, Jewett's addition.	20th av. N.	East.	6	3		912.6		219.02
Aldrich av.	22d av. N.	20th av. N.	Both.	6	4		458.5		110.04
Basset place.	6th av. N. Lot 14, Blk. 5, Menage's 4th addition.	11th av. N.	East.	6	5		2,889.6		693.50
Bradford av.	7th av. N.	8th av. N.	East.	6	6		355.5		85.32
Bryant av.	In front of Lot 6, Blk. 35.	Sherburne & Beebe's addition.	East.	6	7		258.5		62.04
Dumont av.	In front of Lots 6 and 8, Blk. 35.	2d Sherburne & Beebe's addition.	East.	6	8		64.5		15.43
							9,411.2		235.25

THIRD WARD.

4th st.	3d av.	12th av.	Both.	8	17	122.4	4,000.0	73.44	1,315.06
4th st.	Plymouth av.	14th av.	West.	6	18	.....	1,101.1	.....	264.25
4th st.	14th av.	14th av.	Both.	6	19	.....	698.4	.....	167.62
5th st.	17th av.	18th av.	Both.	8	21	2,191.9	.....	1,913.32	.....
5th st.	2d st.	5th st.	Both.	8	22	40	.....	213.15	11.20
5th st.	In front of Lot 1, Bk. 3	Bridge over 4th av.	Both.	15	23	147	.....	.....	508.58
5th st.	3d av.	14th av.	Both.	8	24	.....	2,145	.....	330.04
5th st.	12th av.	14th av.	Both.	6	25	.....	1,377.7	.....	.....
5th st.	Washington av.	3d st.	South.	6	26	314.5	.....	188.70	.....
14th av.	5th st.	Girard av.	Both.	6	27	287	.....	172.20	.....
14th av.	Dupont av.	James av.	North.	6	28	.....	1,977	.....	474.52
14th av.	Girard av.	Washington av.	North.	6	29	.....	755.7	.....	181.37
15th av.	2d st.	3d st.	Both.	6	30	.....	356	.....	85.44
15th av.	Washington av.	4th st.	Both.	8	31	629	.....	503.20	.....
15th av.	Plymouth av.	14th av.	West.	6	32	.....	556	.....	132.44
Girard av.	Plymouth av.	25th av.	West.	6	33	.....	333.3	.....	79.99
Girard av.	7th av.	8th av.	West.	6	34	.....	1,464	.....	351.36
Humboldt av.	James av.	Gale's 2d addition.	East.	6	35	.....	317	.....	76.08
Humboldt av.	Hillside av.	Crystal lake av.	East.	6	36	.....	853.8	.....	206.40
Hillside av.	Plymouth av.	16th av.	West.	4	37	.....	267	.....	53.40
Irving av.	19th av.	Crystal lake av.	Both.	6	38	.....	975.1	.....	217.22
Irving av.	22d av.	Forest Heights.	Both.	6	39	.....	1,809.5	.....	434.26
Irving av.	In front of Lot 1, Bk. 17.	Addition, 16th av. N.	East.	6	40	.....	475.1	.....	114.02
James av.	S. line Bk. 3, Crepeau's 2d	Crystal lake av.	East.	6	41	.....	1,316.9	.....	316.06
James av.	19th av.	26th av.	East.	6	42	.....	103.3	.....	24.79
James av.	25th av.	8th av.	East.	6	43	.....	890.9	.....	213.82
Jewett pl.	6th av.	Hillside av.	West.	6	44	.....	219.5	.....	52.08
Lyndale place.	19th av.	Menage's 4th addition.	Both.	6	45	.....	375.2	.....	90.04
Lyndale place.	19th av.	James av.	Both.	6	46	.....	1,425	.....	342.00
19th av.	Girard av.	Penn av.	Both.	6	47	.....	890.1	.....	306.43
19th av.	Morgan av.	Thomas av.	West.	6	48	.....	408	.....	97.02
19th av.	Penn av.	Plymouth av.	East.	6	49	.....	583.1	.....	139.94
Penn av.	10th av.	street.	North.	6	50	.....	814.7	.....	195.54
Penn av.	4th st. to 100 feet towards 5th	Penn av.	South.	6	51	.....	796.2	.....	191.11
Plymouth av.	Humbolt av.	City limits.	East.	6	52	.....	863.8	.....	297.30
Plymouth av.	Crystal lake av.	g's addition.	West.	6	53	.....	1222.9	.....	293.50
Private road.	8th av. to N. line A. C. Lorin	19th av.	Both.	6	54	.....	2443.7	.....	586.40
Queen av.	S. line block 5, East Lawn	17th av.	South.	10	55	108.5	.....	108.50	.....
Queen av.	17th av.	3d av.	North.	6	56	.....	2587.3	.....	620.45
Queen av.	3d av.	Plymouth av.	S'y.	6	57	.....	563.95	.....	563.95
2d st. N.	Plymouth av.	14th av.	Both.	6	58	.....	608.2	.....	145.96
2d st. N.	.....	.....	West.	6	59	.....	914.4	.....	219.45
2d st. N.	.....	.....	East.	6	60	.....	593.8	.....	142.51
2d st. N.	.....	.....	Both.	8	61	615	.....	492.00	.....
2d st. N.	.....	.....	Both.	8	62	686	.....	548.80	.....

TABLE NO. 14.—Continued.
THIRD WARD.

STREET.	FROM—	TO—	SIDE.	Width.	No. of assess- ment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
2d st. N	14th av.	22d av.	Both	8	63		4795		1342.60
6th av. N	2d st.	Wash av.	Both	8	64	712		569.00	
6th av. N	4th st.	5th st.	Both	8	65	450		360.00	
6th st. N	15th av.	16th av.	West	8	66	64.6		38.76	
6th st. N	22d av.	24th st.	Both	6	67		686		167.04
7th av. N	In front of lot 10, block 30.	Minneapolis	Both	6	68	176		105.00	
7th av. N	Wash av.	3d st.	Both	6	69	727.9		426.74	
7th av. N	6th st.	4th st.	Both	6	70		701		168.74
7th av. N	Hoag av.	Hoag av.	Both	6	71		552.3		132.53
16th av. N	1st st.	Oak lake av.	South	6	72		691.1		144.22
16th av. N	Wash av.	2d st.	North	6	73		350		84.00
16th av. N	5th st.	6th st.	North	6	74		601		165.84
17th av. N	Penn av.	6th st.	Both	6	75		273		65.52
17th av. N	3d st.	Russell av.	Both	6	76		1,090.4		261.66
3rd st. N	9, Brown's sub. in Case & Bog over 4th av.	4th st.	West	12	77	50.4		68.31	
3rd st. N	3d av.	Moore's addition	Both	6	78	55		33.00	
3rd st. N	12th av.	Bog over 4th av.	Both	15	79	376.5		534.33	
3rd st. N	12th av.	Plymouth av.	Both	8	80	1,081		861.80	
3rd st. N	15th av.	16th av.	East	6	81				
3rd st. N	Washington av.	6th st.	North	6	82	988.5	699.2	592.80	167.78
12th av. N	4th st.	Lyndale av.	North	6	83		608.8		167.71
12th av. N	6th st.	Lyndale av.	South	6	84	138.8		83.28	
12th av. N	In front of lot 5, blk. 3.	Gale's 2nd addition.	North	6	85		166.5		39.06
12th av. N	In front of lot 5 and 6, blk. 18, Minneapolis.	18, Minneapolis.	North	18	87	125		218.75	
20th av. N	Washington av.	Lyndale av.	North	6	88				
20th av. N	6, blk. 18, Minneapolis.	Lyndale av.	North	6	89	1,305.3		723.18	
21st av. N	Lyndale av.	Penn av.	North	6	90		176.5		42.36
21st av. N	Oliver av.	Lyndale av.	Both	6	91		532.8		197.88
22nd av. N	Lyndale av.	Aldrich av.	North	6	92		329.9		77.46
22nd av. N	Girard av.	Irving av.	South	6	93		327.8		78.47
22nd av. N	Irving av.	Ilion av.	Both	6	94		1,815.5		435.72
23rd av. N	Lyndale av.	Aldrich av.	North	6	95		327.8		78.48
23rd av. N	Irving av.	Dupont av.	North	6	96		1,241.2		297.80

SIDEWALKS ORDERED FOR THE YEAR 1902.
FOURTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Hawthorn av.	1st av. N.	10th st.	Both	6	24	277.5		166.50	
Hawthorn av.	11th st.	12th st.	East.	6	25				
Hawthorn av.	Bryant av.	Coffax av.	Both	6	26		584		140.16
Holden st.	10th st.	Mt. Curve av.	South.	6	27	628		376.80	
Humboldt av.	Douglas av.	Douglas av.	West.	6	28		417.8		100.27
Irving av.	Mt. Curve av.	Douglas av.	East.	6	29		517		124.08
Knox av.	Mt. Curve av.	Douglas av.	East.	6	30		517		124.08
Laurel av.	Railroad.	Cedar Lake road.	South.	6	31		2,222.3		533.36
Lincoln av.	Hennepin av.	DuPont av.	North.	6	32		683.5		164.04
Lincoln av., in front of 1.	1 and 2, b. 29, Wilson, Bell & Western av.	Wagner's addition.		6	33	108.5		65.10	
Lincoln av.	Hennepin av.	Lyndale av.	Both	6	34		843.4		202.41
Lyndale av.	Western av.	6th av. N.	East.	6	35		1,076.9		258.46
Mary place, in front of	Erie av.	Hennepin av.	Both	6	36		2,082.1		494.90
Mt. Curve av.	1, 14, b. 225, Wells, S. & B.'s	addition.		6	37	180		108.00	
Mt. Curve av.	12th st.	13th st.	Both	6	38	452.1		271.26	
Mt. Curve av.	Humboldt av.	Logan av.	Both	6	39		946.4		227.13
Mt. Curve av.	Logan av.	Kenwood boul.	North.	6	40		1,226		294.24
Nicollet av., in front of	1, 7, b. 27, Snyder & Co.'s 1st	addition.		8	42	185		148.00	
Nicollet av., in front of	1, 2, b. 5, J. S. Johnson's ad		West.	8	43	66		52.80	
9th st., in front of 1, 12, 13	and 14, b. 225, Wells, S. & B.'s addition.		Both	6	44	107		64.20	
9th st.	1st av. S.	Western av.	Both	6	45	273		163.80	
9th st.	7th st.	Western av.	West.	8	46				
Ridgewood av., in front	of 1, 3, 4, 5 and 6, b. 6, Ridge-	wood addition.		6	47	325.9		105.54	
Sheridan av.	Kenwood boul.	4th ward line	East.	6	48	716.2		429.72	
Spruce place.	14th st.	Oak Grove st.	Both	6	49	783.3		469.98	
Summit av.	Hennepin av.	Lyndale ave.	South.	6	50		140		35.76
2d av. N., in front of 1, 2,	b. 60, Hong's addition.			8	51	179		143.20	
3d av. N.	6th st.	7th st.	East.	8	52	291.8		233.44	
6th av. N.	Hong av.	Oak Lake av.	South.	6	53	350		210.00	
6th av. N.	Royalston av.	Lyndale av.	South.	6	54				
6th av. N.	Coffax av.	DuPont av.	South.	6	55	300		180.00	
7th st.	Nicollet av.	1st av.	South.	8	56	90		50.88	
7th st.				8	57			50.30	

FOURTH WARD.

7th st., in front of front	ag' of l. 1, b. 2, Hong & Bell's	addition.	North.	8	58	61	14,107.3	19,254.1	\$8,996.20	\$4,650.53
16th st., in front of l. 1, b.	Hennepin av.	Laurel av.	East.	6	59	432.5				
17th st., in front of l. 1, b.	14, Wilson, B. & Wagner's	addition.	West.	6	60	158.5				
18th st., in front of l. 1, b.	Linden av.	Chestnut av.	Both.	6	61	634				
19th st., in front of l. 1, b.	Nicollet av.	1st av.	North.	8	62	55				
20th st., in front of l. 1, b.	Western av.	Holmes st.	East.	6	63	158.5				
21st st., in front of l. 1, b.	Mary place.	Yale place.	Both.	6	64	301.4				
22nd st., in front of l. 1, b.	Hennepin av.	Nicollet av.	North.	6	65	294.5				
23rd st., in front of l. 1, b.	Hennepin av.	Harmon place.	Both.	6	66	503.5				
24th st., in front of l. 1, b.	Hennepin av.	Hawthorn av.	North.	6	67	125				
25th st., in front of l. 1, b.	9 and 10, b. 1, J. S. Johnson's	Oak Grove st.	East.	6	68	290				
26th st., in front of l. 1, b.	5, b. 3, Hillside addition.	addition.	Both.	6	69	443				
27th st., in front of l. 1, b.	12th st.	R. R. bridge.	North.	12	71	347				
28th st., in front of l. 1, b.	R. R. bridge.	Lyndale av.	South.	6	72	222.6				
29th st., in front of l. 1, b.	6, b. 10, Wilson & Wagner's	addition.	East.	6	73	61				
30th st., in front of l. 1, b.	14th st.	Yale place.	East.	6	74	657.3				
31st st., in front of l. 1, b.	12th st.	13th st.	North.	6	75	140.5				
							14,107.3	19,254.1	\$8,996.20	\$4,650.53

FIFTH WARD.

Chicago av.	In front of lot 1, 2 and 3, block	15, J. S. & W. Elliot's addition	East.	6	1	136.5	14,107.3	19,254.1	\$8,996.20	\$4,650.53
Chicago av.	9th st.	Franklin av.	West.	6	2	220				
Chicago av.	18th st.	Franklin av.	East.	6	3	609.5				
Chicago av.	18th st.	24th st.	West.	6	4	347				
Chicago av.	22d st.	24th st.	East.	6	5	454.5				
Clinton av.	15th st.	16th st.	West.	6	6	726.5				
Clinton av.	Franklin av.	24th st.	East.	6	7	290.8				
Clinton av.	Franklin av.	22d st.	Both.	6	8	885				
Columbus av.	18th st.	Franklin av.	East.	6	9	75				
8th av. S.	3d st.	4th st.	West.	8	10	174.00				
8th av. S.	5th st.	6th st.	East.	8	11	174.00				
8th av. S.	9th st.	10th st.	West.	8	12	140.04				
11th st. S.	5th av.	6th av.	North.	8	13	152				
11th st. S.	5th av.	6th av.	South.	8	14	116.5				
18th st.	Clinton av.	4th av. S.	Both.	6	15	91				
18th st.	Portland av.	Park av.	North.	6	16	612				
18th st.	Columbus av.	10th av. S.	Both.	6	17	1070.4				
Franklin av.	Clinton av.	4th av. S.	South.	6	18	284.1				
Franklin av.	9th av. S.	10th av. S.	Both.	6	19	458.8				
1st av. S.	8th st.	9th st.	East.	8	20	144.00				

*All built.

TABLE NO. 14.—Continued:
FIFTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
1st av. S.	Grant st.	14th st.	East	6	21		158.5		\$38.04
1st av. S.	14th st.	15th st.	Both	6	22		255		61.20
4th av. S.	11th st.	Grant st.	East	6	23		217.9		52.13
4th av. S.	14th st.	15th st.	East	6	24		100		24.00
4th av. S.	17th st.	19th st.	Both	6	25		984		236.16
4th st. S.	8th av.	9th av.	South	6	26				
5th av. S.	8th st.	9th st.	East	6	27	170		\$156.00	
5th av. S.	10th st.	11th st.	East	6	28	185		146.00	
5th av. S.	11th st.	Grant st.	West	6	29		129		34.44
5th av. S.	Grant st.	14th st.	West	6	30		58.5		20.76
5th av. S.	14th st.	15th st.	West	6	31		287		64.08
5th av. S.	19th st.	Franklin av.	East	6	32	217		130.30	
5th av. S.	22nd st.	24th st.	East	6	33		300.1		72.02
5th st. S.	3rd av.	4th av.	South	6	34	60		52.80	
5th st. S.	7th av.	8th av.	South	6	35	350		287.30	
14th st.	Nicollet av.	Stevens av.	North	6	36		234		56.16
14th st.	Nicollet av.	2nd av. S.	North	6	37		244		58.56
14th st.	3rd av. S.	Clinton av.	South	6	38		142		34.08
14th st.	4th av. S.	5th av. S.	South	6	39		137.5		31.00
14th st.	Portland av.	Park av.	North	6	40		400.8		96.10
14th st.	Park av.	Chicago av.	South	6	41		600.3		146.24
14th st.	Nicollet av.	1st av. S.	South	6	42		302.7		72.64
15th st.	1st av. S.	Stevens av.	South	6	43				
15th st.	5th av. S.	6th av. S.	South	6	44		57.6		13.82
Grant st.	Stevens av.	2nd av. S.	South	6	45		271		66.43
Grant st.	2nd av. S.	3rd av. S.	South	6	46		40		9.60
Grant st.	4th av. S.	5th av. S.	South	6	47		270.4		67.63
Grant st.	4th av. S.	6th av. S.	North	6	48		50		11.93
Nicollet av.	Grant st.	14th st.	East	8	49		416		110.43
Nicollet av.	14th st.	20th st.	East	8	50		240		61.39
6th av. S.	5th st.	5th st.	West	8	51		443		106.32
6th av. S.	17th st.	18th st.	Both	6	52		775.3		190.87
6th av. S.	18th st.	Franklin av.	West	6	53				
6th av. S.	rear 1/2 lot 6 block 113.	Minneapolis.		8	54				

FIFTH WARD.

9th st. S.	1st av.	2nd av.	Both.	8 55	100	531	\$150.20	\$70.44
10th st.	Chicago av.	9th av. S.	South.	8 56		531		12.00
10th st.	Nicollet av.	2nd av. S.	South.	8 57		50		16.72
10th st.	Stevens av.	2nd av. S.	North.	8 58		978		130.84
10th st.	Chicago av.	10th av. S.	North.	8 59		628.5		131.52
Stevens av.	14th st.	15th st.	Both.	8 61		548		101.76
Stevens av.	14th st.	17th st.	East.	8 62				
Stevens av.	19th st.	20th st.	East.	8 63		454		12.00
2nd av. S.	5th st.	6th st.	East.	13 64		50		
2nd av. S.	Grant st.	14th st.	East.	8 65	217		117.60	
2nd st. S.	4th av.	5th av.	North.	8 66	218		174.40	
6th st. S.	2nd av.	3rd av.	South.	8 67	81		64.80	
6th st. S.	3rd av.	4th av.	North.	8 68	34		19.20	
6th st. S.	6th av.	7th av.	South.	8 69	360		288.00	
6th st. S.	6th av.	8th av.	North.	8 70				51.84
6½ av. S.	Franklin av.	22nd st.	East.	8 71	216			133.68
6½ av. S.	Franklin av.	24th st.	West.	8 72	357			
7th av. S.	Franklin av.	9th st.	East.	8 73	500		400.00	
16th st.	1st av. S.	Stevens av.	North.	8 74				11.43
16th st.	Stevens av.	2nd av. S.	South.	8 75		61.3		32.52
16th st.	3rd av. S.	Clinton av.	Both.	8 76		135.5		79.68
16th st.	Park av.	Park av.	Both.	8 77		332		37.44
16th st.	Portland av.	Chicago av.	South.	8 78		156		33.60
17th st.	Nicollet av.	1st av. S.	South.	8 79		140		34.58
17th st.	Stevens av.	2nd av. S.	North.	8 80		144.1		12.00
17th st.	Stevens av.	10th av. S.	South.	8 81		50	148.00	
3rd av. S.	10th av. S.	11th st.	East.	8 82	185			40.04
3rd av. S.	11th st. S.	Grant st.	East.	8 83		143		40.32
3rd av. S.	Franklin av.	24th st.	East.	8 84		168		16.52
10th av. S.	4th st.	5th st.	West.	8 85		59		30.24
10th av. S.	18th st.	19th st.	West.	8 86		129		29.53
10th av. S.	22nd st.	24th st.	West.	8 87		124.7		
21 st.	3rd av.	4th av.	Both.	8 88	165		132.00	
21 st.	9th av. S.	10th av. S.	South.	8 89		323.5		77.64
22nd st.	Clinton av.	4th av. S.	South.	8 90		143.5		40.18
22nd st.	5th av. S.	Portland av.	South.	8 91		286.5		80.22
22nd st.	Chicago av.	9th av. S.	South.	8 92		158		37.92
24th st.	Chicago av.	10th av. S.	North.	8 93		580.5		162.54
Wash. av. S.	7th av.	10th av.	North.	18 94	585.9		1,025.33	
Wash. av. S.	8th av.	9th av.	South.	18 95				
All built.				4,216.9	19,787.6		\$3,886.73	\$4,840.60

TABLE NO. 14—Continued.
SIXTH WARD.

STREET.	FROM—	TO—	SIDE.	Width.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Cedar av.	Washington av.	3d st.	Both.	15	1	656		\$351.21	
Cedar av.	4th st.	5th st.	Both.	15	2	100		245.05	
11th av. S.	Washington av.	2d st.	West.	8	3	65		52.00	
11th av. S.	Washington av.	3d st.	East.	8	4	65		52.00	
1st st. S.	12th av.	14th av.	South.	8	6		212		\$59.36
1st st. S.	In front of Lot 2, Blk. 6, Han-	cock & Rice's addition.		8	6		150		14.00
4th st. S.	14th av.	15th av.	North.	8	7		160		44.80
4th st. S.	Riverside av.	19th av.	South.	8	7		121		33.88
4th st. S.	1st av.	22d av.	North.	8	9				
4th st. S.	In front of Lot 7 and 8, Blk.	4 Atwater's addition.		8	10		124		34.72
5th st. S.	10th av.	11th av.	North.	8	11		62		17.36
5th st. S.	12th av.	13th av.	Both.	8	12		165		46.20
5th st. S.	15th av.	16th av.	Both.	8	13		647.1		181.18
5th st. S.	Cedar av.	20th av.	North.	8	14		280		80.92
5th st. S.	3d st.	4th st.	East.	8	15		144		40.32
14th av. S.	6th st.	7th st.	East.	8	16		350		98.52
14th av. S.	4th st.	5th st.	Both.	8	17		212		100.52
15th av. S.	In front of rear 57 ft. Lot 1,	Blk. 16, Atwater's addition.		8	18				59.36
Locust st.	22d av. S. to north-easterly	line, Atwater's 3d addition.	South.	8	19		74		17.76
16th av. S.	Bluff st.	1st st.	East.	8	20		308		86.24
16th av. S.	2d st.	Washington av.	East.	8	21		30		12.00
16th av. S.	Washington av.	2 1/2 st.	East.	8	22		180		50.40
16th av. S.	Riverside av.	6th st.	Both.	8	23		718.8		201.26
16th av. S.	In front of Lot 8 and 9, Blk.	2 Hancock & Rice's add.		8	24		127.4		35.67
16th av. S.	Rear 40 ft. of Lot 6, Blk. 170,	Minneapolis.		8	25		40		11.20
Riverside av.	Cedar av.	7th st.	Both.	8	26		1,179.6		507.22
2d st. S.	10th av.	11th av.	Both.	14	27			255.20	
2d st. S.	12th av.	13th av.	Both.	14	28	102			290.48
2d st. S.	19th av.	20th av.	Both.	8	29		716		100.24
2d st. S.	In front of Lot 1, Blk. 2, Han-	cock & Rice's addition.	North.	8	30		368		27.60
6th st. S.	11th av.	12th av.	Both.	12	31		60		69.44
6th st. S.	16th av.	17th av.	Both.	8	32		248		39.20
6th st. S.	16th av.	17th av.	Both.	8	33		140		

*All built.

THIRD WARD.

4th st.	3d av.	15th av.	Both.	8	17	122.4	4,600.0	73.44	1,315.96
4th st.	Plymouth av.	14th av.	West.	6	18				
4th st.	Hillside av.	14th av.	Both.	6	30		1,101.1		264.35
4th st.	17th av.	15th av.	Both.	6	30		688.4		167.62
5th st.	2d st.	5th st.	Both.	8	21	9,191.9		1,913.52	
5th st.	In front of Lot 1, Bk. 3.	Bradford & Lewis		8	22		40		11.20
5th st.	3d av.	Bridge over 4th av.	Both.	15	25	147		213.15	
5th st.	12th av.	10th av.	Both.	8	24		9,145		308.58
5th st.	13th av.	14th av.	Both.	6	25		1,377.7		350.61
5th st.	Washington av.	3d st.	Both.	6	27	314.5		188.70	
14th av.	5th st.	6th st.	Both.	6	27	287		172.30	
14th av.	DuPont av.	Girard av.	Both.	6	28		1,677		
14th av.	Girard av.	James av.	Both.	6	30		555.7		474.52
15th av.	2d st.	Washington av.	North.	6	30		356		181.37
15th av.	Washington av.	3d st.	Both.	8	31	629			85.44
15th av.	Washington av.	4th st.	Both.	6	32			503.20	
Girard av.	18th av.	14th st.	West.	6	33		556		133.44
Girard av.	18th av.	14th st.	West.	6	33		333.3		70.99
Humboldt av.	7th av.	25th av.	West.	6	34		1,404		351.36
Humboldt av.	7th av.	25th av.	West.	6	34		817		76.08
Irving av.	James av.	Gale's 2d addition.	East.	6	35		850.8		206.40
Irving av.	Hillside av.	Crystal lake av.	East.	4	37		207		53.40
Irving av.	Plymouth av.	25th av.	West.	6	38		975.1		217.22
Irving av.	15th av.	16th av.	Both.	6	39		1,809.5		434.26
Irving av.	22d av.	Crystal lake av.	Both.	6	40		475.1		114.02
James av.	In front of Lot 1, Bk. 17.	25th av.	East.	6	41		1,316.9		316.06
James av.	S. line Bk. 3, Crepeau's 2d	Forest Heights.	East.	6	42		103.3		24.79
James av.	19th av.	Addition, 16th av. N.	East.	6	43		890.9		213.82
James av.	25th av.	Crystal lake av.	East.	6	44		219.5		52.68
Jewett pl.	6th av.	20th av.	West.	6	45		375.2		90.04
Logan av.	Hillside av.	8th av.	Both.	6	46		1,425		342.00
Lyndale place.	6th av.	25th av.	Both.	6	47		860.1		306.43
Newton av.	19th av.	Menage's 4th addition.	West.	6	48		408		97.02
19th av.	Girard av.	21st av.	East.	6	49		383.1		130.94
19th av.	Morgan av.	James av.	North.	6	50		814.7		105.54
19th av.	Penn av.	Penn av.	North.	6	51		796.2		191.11
Penn av.	10th av.	Thomas av.	South.	6	52		863.8		207.30
Penn av.	Plymouth av.	Plymouth av.	East.	6	53		1,222.9		293.50
Penn av.	4th st.	19th av.	West.	6	54		2443.7		586.40
Penn av.	4th st. to 100 feet towards 5th	street.	South.	10	55	108.5		108.50	
Plymouth av.	Humbolt av.	Penn av.	South.	6	56		2587.3		620.95
Private road.	Crystal lake av.	City limits.	S'ly	6	57		2474.8		503.95
Queen av.	8th av. to N. line A. C. Lorin	g's addition to 19th av.	Both.	6	58		608.2		145.06
Queen av.	S. line block 5, East Lawn	19th av.	West.	6	59		914.4		219.45
Queen av.	17th av.	19th av.	East.	6	60		593.8		142.51
2d st.	2d av.	5th av.	South.	8	61	615		492.00	
2d st.	Plymouth av.	14th av.	Both.	8	62	686		548.80	

TABLE No. 14.—Continued.
SEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
16th av. S.	27th st.	26th st.	Both.	6	10		899.7		\$215.04
17th av. S.	In front of L. 1. B. 3.	Glpatrick's add.	Both.	8	11		154		43.12
18th av. S.	25th st.	26th st.	Both.	6	12		1,299.4		290.35
19th av. S.	34th st.	37th st.	Both.	6	13		3,036.5		872.50
20th av. S.	37th st.	38th st.	West.	6	14		612.4		146.08
21st av. S.	In front of L. 1. 2 and 3. B. 3.	Glpatrick's add.	Both.	8	15		169.6		47.48
22nd st.	17th av. S.	16th av. S.	Both.	6	16		1,101.2		308.34
23rd st.	14th av. S.	15th av. S.	Both.	6	17		1,007.2		450.01
24th st.	18th av. S.	19th av. S.	Both.	8	18		538.4		150.74
25th st.	Cedar av.	Hiawatha av.	North.	8	19		1,002.4		280.07
26th st.	14th av. S.	15th av. S.	Both.	6	20		1,068		261.12
27th st.	17th av. S.	Cedar av.	Both.	6	21		1,079.7		270.12
28th st.	Chicago av.	10th av. S.	Both.	6	22		1,085.8		290.56
29th st.	Chicago av.	10th av. S.	Both.	6	23		835		253.79
30th st.	Bloomington av.	19th av. S.	North.	8	24		1,470.5		411.76
							34,798.0		\$8,050.81

EIGHTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Aldrich av.	29th st.	Lake st.	Both.	6	1				\$102.24
Blaisdell av.	24th st.	33rd st.	West.	6	2				143.02
Bryant av.	32d st.	28th st.	East.	8	3				134.56
Clifton av.	27th st.	28th st.	East.	6	4				33.12
Columbus av.	In front of lots 4, 5 and 7.	block 10, Galpin's addition.	East.	6	5				290.84
Dupont av.	26th st.	Lake st.	East.	6	6				138.45
Dupont av.	H. & D. R. R.	Lake st.	West.	6	7				144.70
Dupont av.	25th st.	26th st.	East.	6	8				250.71
Franklin av.	25th st.	Hennepin av.	South.	8	9				
Franklin av.	Nicollet av.	Blaisdell av.	South.	8	10				
Fremont av.	28th st.	H. & D. R. R.	West.	6	11				129.51
5th av. S.	27th st.	28th st.	West.	6	12				145.40
5th av. S.	32d st.	34th st.	Both.	6	13				538.10
5th av. S.	In front of lot 4, block 2.	Beede's 2d addition.	Both.	6	14				30.00

THIRD WARD.

23rd av.	Penit av.	Both.	95	1,560.5	360.86
24th av.	Lyndale av.	North.	0	826.5	378.46
24th av.	Lyndale av.	South.	0	826.5	108.36
25th av.	James av.	South.	0	470.2	112.85
25th av.	Fremont av.	South.	6	353	70.62
26th av.	River.	South.	6	159.3	382.32
26th av.	Washington av.	South.	6	383	70.62
Washington av.	3rd av.	South.	6	1,011.50	
Washington av.	15th av.	South.	18	1,398	942.72
Washington av.	20th av.	West.	9	1,047.5	241.06
Washington av.	20th av.	East.	9	275.5	
Washington av.	21st av.	West.	8	216	172.80
Exc. in front of lot 5, blk. 18.	North Minneapolis.	West.	12	114	131.16
Washington av.	set, Moore & Case's addition.	West.	9	108	40.50
Washington av.	Basset, Moore & Case's add.	West.	9	109	82.80
Washington av.	30, Basset, Moore & Case's add.	West.	9	110	157.06
Washington av.				15,094.3	
				73,006.2	\$12,813.21
					\$17,997.40

FOURTH WARD.

Aldrich av.	4th av. N.	East.	6	\$ 356.5	\$ 85.58
Aldrich av.	1, 4 and 5, b. 5 Stinson's ad-	East.	6	144.5	34.68
Aldrich av.	1, 2 and 4, b. 4, Stinson's	East.	6	102	46.08
Cedar Lake road.	Basset's creek.	South.	6	1,092.6	262.22
Clinton av.	Clinton place.	South.	6		
Clinton place.	Groveland av.	South.	6	1,254.8	\$752.28
Colfax av.	3d av. N.	East.	6	143.2	34.37
Colfax av.	Douglas av.	West.	6	1,211	290.64
Douglas av.	Knox av.	West.	6	287	68.88
11th st.	Western av.	North.	6	190.20	
Franklin av.	Lyndale av.	East.	10	317	
Fremont av.	Mt. Curve av.	North.	8	738.4	206.75
4th av. N.	Bryant av.	Both.	6	444.2	106.61
4th av. N.	Penn av.	South.	6	283	63.12
5th av. N.	Aldrich av.	South.	6	630.4	151.30
5th st. N.	1st av.	North.	6	147.2	35.33
5th st. N.	2d av.	North.	8	410	328.00
14th st.	Nicollet av.	South.	8	338	286.40
15th st.	50' of 1, 2 and 3, b. 25, Wil-	Both.	6	388	389.40
Grant st.	son, Bell & Wagner's addition.	Both.	6	649	30.00
Grant st.	Nicollet av.	South.	6	50	105.00
Grant st.	Spruce place.	South.	6	176	105.00
Groveland av.	Nicollet av.	South.	6	108.5	65.10
Harmon place.	Hennepin av.	North.	6	1,956.7	400.60
	13th st.	West.	6	536.4	315.84

*All built.

TABLE NO. 13.—Continued.
ELEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Butler place.....	22nd av. S.....	23rd av. S.....	South..	4	.....	.....	202	.....	202	
Cedar av.....	7th st.....	Franklin av.....	East..	8	.....	.....	61	.....	61	
8th st. S.....	11th av.....	13th av.....	South..	8	.....	.....	70	.....	70	
8th st. S.....	16th av.....	21st av.....	North..	8	.....	.....	110	.....	110	
9th st. S.....	20th av.....	R. R.....	Both..	8	.....	.....	179	.....	409	
10th st.....	17th av.....	12th av.....	Both..	8	.....	.....	.....	.....	220	
7th st. S.....	10th av.....	16th av.....	South..	8	.....	.....	132	.....	132	
7th st. S.....	13th av.....	20th av.....	South..	8	.....	.....	60	.....	60	
7th st. S.....	19th av.....	22nd av.....	South..	8	.....	.....	.....	.....	146	
7th st. S.....	Riverside av.....	8th st.....	South..	8	.....	.....	100	.....	100	
16th av. S.....	7th st.....	Franklin av.....	West..	8	.....	.....	225	.....	225	
20th av. S.....	7th st.....	Cedar av.....	Both..	8	.....	.....	143	.....	113	
22nd st.....	18th av. S.....	Franklin av.....	North..	8	.....	.....	.....	.....	143	
24th av. S.....	Riverside av.....	Franklin av.....	West..	8	.....	.....	.....	.....	22	
				201			880	941	2,022	\$2,907.54

TWELFTH WARD.

41st av. S.....	52nd st.....	53rd st.....	West..	6	.....	.....	.....	.....	417	
53 1/4 st.....	31st av.....	34th av.....	South..	6	.....	.....	542	.....	542	
9th av. S.....	24th st.....	30th st.....	Both..	6	.....	.....	.....	2,402	2,402	
10th av. S.....	34th st.....	30th st.....	Both..	6	.....	.....	834	.....	1,007	
12th av. S.....	30th st.....	30th st.....	Both..	6	.....	.....	.....	.....	773	
34th av. S.....	40th st.....	54th st.....	Both..	6	.....	.....	830	.....	1,770	
38th st.....	Chicago av.....	10th av. S.....	West..	6	.....	.....	267	.....	1,890	
			South..	6	.....	.....	.....	.....	530	
				677			2,463	4,782	7,922	\$1,601.48

THIRTEENTH WARD.

Chicago av.....	35th st.....	36th st.....	West..	6	.....	.....	.....	.....	554	
Lyndale av.....	34th st.....	36th st.....	East..	8	.....	.....	.....	.....	613	
Portland av.....	34th st.....	36th st.....	East..	8	.....	.....	1,321	.....	1,760	
Portland av.....	37th st.....	38th st.....	West..	8	.....	.....	.....	.....	1,223	
34th st.....	Nicollet av.....	Chicago av.....	South..	8	.....	.....	139	.....	2,101	
							1,460	6,361	7,711	\$2,060.44

SUMMARY OF TABLE NO. 13.

WARD.	LENGTH.				Total cost.
	Artificial stone walk laid by owners	Artificial stone walk laid by city.	Plank walk laid by owners	Plank walk laid by city.	
	Feet.	Feet.	Feet.	Feet.	
First.....	2,636	434	608	9,204	\$6,149.00
Second.....	7,746	1,372	3,519	4,625	9,200.02
Third.....	2,138	195	8,956	35,231	17,280.67
Fourth.....	9,542	175	2,797	19,247	16,202.25
Fifth.....	2,848	66	1,010	4,068	10,190.60
Sixth.....	1,441		3,954	6,353	8,310.54
Seventh.....	3,103		3,449	9,324	4,135.06
Eighth.....	8,079	1,096	2,818	19,311	13,444.82
Ninth.....	9,746	208	9,186	22,869	13,517.97
Tenth.....			5,563	15,512	4,880.59
Eleventh.....	201		880	941	2,907.54
Twelfth.....	677		2,463	4,782	1,691.48
Thirteenth.....			1,460	6,251	2,020.44
Totals.....	48,157	6,546	46,663	157,718	\$109,931.00

49.07 miles

TABLE NO. 14.
SIDEWALKS ORDERED FOR 1892.
FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
8th av. N. E.	River.	2d st.	Both.	6	1	2,794.3		\$1,676.58	
4th av. N. E.	2d st.	University av.	South.	6	6	160		96.00	
4th st. N. E.	1st av.	3d av.	West.	6	6	424.5		254.70	
4th st. N. E.	Broadway st.	16th av.	Both.	6	4		2,872.5		\$ 680.40
4th st. N. E.	20th av.	27th av.	Both.	6	6		5,278.9		1,296.92
5th av. N. E.	Main st.	University av.	Both.	6	6	1,440		864.00	
5th st. N. E.	2d av.	6th av.	West.	6	6	335.5		201.30	
14th av. N. E.	4th st.	4th st.	Both.	6	8		297.5		49.80
Island av.	Gt. N. Ry.	Bridge st.	Inland.	6	9	841.9		505.14	
Main st. N. E.	5th av.	Broadway st.	West.	12	10	1,784.5		2,062.18	
Main st. N. E.	9th av.	Broadway st.	East.	6	11	736.8		436.08	
Ramsey st.	6th av. N. E.	8th av. N. E.	Both.	6	12		1,716.5		411.96
2d st. N. E.	2d av.	3d av.	East.	6	13				
6th av. N. E.	6th av.	Broadway st.	Both.	6	14	3,165		1,899.60	
6th st. N. E.	Marshall st.	Main st.	South.	6	15		177		42.48
6th av. N. E.	University av.	5th st.	North.	6	16		717		172.08
6th av. N. E.	4th st.	5th st.	South.	6	17		358		85.92
7th av. N. E.	Marshall st.	8th st.	Both.	6	18		1,408.1		337.94
7th av. N. E.	Main st.	Sibley st.	Both.	6	19	1,250		755.40	
13th av. N. E.	Marshall st.	University av.	Both.	6	20		346		83.04
2d av. N. E.	Marshall st.	Main st.	South.	6	21		2,437.9		585.10
2d av. N. E.	Marshall st.	2d st.	Both.	6	22		4,847.5		1,163.42
University av. N. E.	1st av.	5th st.	Both.	6	23			97.20	
University av. N. E.	5th av.	3d av.	East.	6	24	1,188.5		713.10	
		Broadway st.	East.	6	24	1,188.5		713.10	
						14,282.0	20,396.9	\$0,550.08	4,888.06

* All built.

SECOND WARD.

Church st.	Dellaware st.	Cambridge st.	West	1	353	\$85.92
8th av. S. E.	University av.	Bedford st.	S. W.	2	1,566.8	376.03
8th st. S. E.	University av.	4th st.	West.	6		\$222.00
11th av. S. E.	5th st.	9th av.	North.	6	370	185.70
Fulton st.	Oak st.	Erie st.	West.	6	130	83.40
4th av. S. E.	University av.	5th st.	South.	6	639.5	151.48
4th av. S. E.	5th st.	6th st.	West.	6		333.00
4th av. S. E.	6th street.	7th st.	East.	6	361	218.40
4th av. S. E.	4th av.	7th st.	West.	6	358	214.80
4th st. S. E.	4th av.	3d av.	North.	6		
4th av. S. E.	5th av.	6th av.	South.	6	66	39.60
4th av. S. E.	9th av.	10th av.	North.	6	132	79.20
4th av. S. E.	14th av.	18th av.	North.	6	152	91.20
5th st. S. E.	University av.	4th st.	North.	6	1,347.5	108.50
5th st. S. E.	4th st.	5th st.	West.	6	185	151.00
5th st. S. E.	5th st.	6th st.	East.	6	170	174.00
5th st. S. E.	2d av.	3d av.	West?	6	364	218.40
5th av. S. E.	12th av.	15th av.	North	6	152	91.20
14th st. S. E.	7th st.	8th st.	South	6	846	507.60
15th av. S. E.	Lots 5, 6, 8 and 9, Block 4, El-	well's 1st Addition	East.	6	322.6	199.56
15th av. S. E.	4th st.	6th st.	Both.	6	160	96.00
15th av. S. E.	7th st.	8th st.	Both.	6	1,394	782.40
15th av. S. E.	8th st.	Rollins av.	West.	6	445	297.00
Mary st.	University av.	R. R.	West.	4	446.2	867.72
9th av. S. E.	Lot 7, Block 27, Mill Co.'s	Addition	West.	4	591.6	118.32
9th av. S. E.	Lot 6, Block 1, Andrews &	Moulton's Addition		6		42.90
9th av. S. E.	Lot 7, Block 4, Andrews &	Moulton's Addition		6		71.5
9th av. S. E.	University av.	4th st.	West.	6	102	61.20
9th av. S. E.	5th st.	6th st.	West.	6	170	137.40
Oak st.	Essex st.	6th st.	West.	6	170	107.40
Pleasant st.	Fulton st.	Fulton st.	West.	6	170	207.40
State street.	University av.	R. R. bridge	East.	6		
2d av. S. E.	Arlington st.	Washington av. S. E.	West.	6	179	\$42.00
6th av. S. E.	5th st.	5th st.	East.	6	834.4	340.26
6th av. S. E.	6th st.	6th st.	South.	6	1,146	276.04
6th av. S. E.	Maln st.	Bridge	Both.	6	370	136.80
6th st. S. E.	6th av.	7th st.	Both.	6		318.40
6th st. S. E.	6th av.	9th av.	East.	6	535	321.00
6th st. S. E.	10th av.	11th av.	South.	6	378	232.00
6th st. S. E.	11th av.	12th av.	South.	6	368	214.80
6th st. S. E.	12th av.	13th av.	South.	6	1,070	648.00
6th st. S. E.	13th av.	14th av.	South.	6	44	44.00
6th st. S. E.	14th av.	15th av.	South.	6	1,077.2	646.32
6th st. S. E.	15th av.	16th av.	South.	6	132	79.20
7th st. S. E.	Central av.	7th st.	West.	6	1,060.8	641.88
7th st. S. E.	Lot 6, Block 1, Andrews &	Moulton's Addition	South.	6		37.98
Valmadge av.	15th av. S. E.	Oak st.	South.	6	65.3	417.00

TABLE NO. 14.—Continued.
SECOND WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Length assessed.		Amt. of assessment.	
					Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
2d av. S. E.	2d st.	University av.	East.	6	47	365	219.00	.....
10th av. S. E.	University av.	4th st.	East.	6	48	370	222.10	.....
12th av. S. E.	University av.	Railroad.	East.	6	40	445.7	267.42	.....
12th av. S. E.	University av.	4th st.	Both.	6	60	555	333.00	.....
12th av. S. E.	University av.	4th st.	Both.	6	61	554.5	.....	133.07
University av. S. E.	3d av.	4th st.	South.	6	52	365	219.00	.....
University av. S. E.	3d av.	4th st.	North.	6	53	.....	.....	.....
University av. S. E.	4th av.	6th st.	North.	6	54	218	130.80	.....
University av. S. E.	14th av.	18th av.	North.	6	55	86	51.60	.....
University av. S. E.	14th av.	18th av.	North.	6	56	358	.....	85.02
University av. S. E.	14th av.	18th av.	North.	6	57	656	.....	132.04
University av. S. E.	Malcom av.	City limits.	North.	6	58	1,415.7	.....	339.76
				17,191.4	8,848.5	.....	\$10,314.24	\$2,100.20

*All built.

THIRD WARD.

Aldrich av., in front of	Lot 20 and S. 5 ft. of Lot 21.	Blk. 7, Menage's 4th addition.	West.	6	1	.....	.....	8.40
Aldrich av.	6th av. N., Lot 14, Blk. 5, Menage's 4th addition.	11th av. N.	West.	6	2	355.5	.....	85.32
Aldrich av.	11th av. N., Opp. Blk. 1, Jewett's addition.	26th av. N.	East.	6	4	912.0	.....	219.02
Aldrich av.	22d av. N.	26th av. N.	Both.	6	5	458.5	.....	110.04
Basett place.	6th av. N., Lot 14, Blk. 5, Menage's 4th addition.	26th av. N.	Both.	6	6	2,880.6	.....	603.50
Bradford av.	6th av. N., Lot 14, Blk. 5, Menage's 4th addition.	26th av. N.	East.	6	7	355.5	.....	85.32
Bryant av.	In front of Lot 6, Blk. 35.	34 Sherburne & Beebe's addition.	East.	6	8	268.5	.....	62.04
DuPont av.	In front of Lots 5 and 6, Blk. 35.	34 Sherburne & Beebe's addition.	East.	6	9	614.5	.....	15.48
DuPont av.	6th av. N.	11th av. N.	Both.	6	10	119.5	.....	28.68
6th av. N.	Washington av.	2d st.	Both.	6	11	1,560.1	.....	372.02
6th av. N.	Bryant av.	Lyndale av.	Both.	6	12	458.5	275.10	.....
6th av. N.	Bradford av.	Oak lake av.	North.	6	13	571	.....	137.04
6th av. N.	Penn av.	Russell av.	North.	6	14	182.4	.....	43.78
11th av. N.	Penn av.	Grand av.	North.	6	15	606.2	.....	145.48
18d av. N.	Lyndale av.	Lyndale av.	Both.	6	16	225	.....	54.00
18d av. N.	1st st.	Lyndale av.	Both.	6	16	3,494.7	.....	831.01

THIRD WARD.

4th st. N.	3d av.	13th av.	Both.	8	17	122.4	4,000.9	73.44	1,315.96
4th st. N.	Plymouth av.	14th av.	West.	6	18				
4th st. N.	14th av.	16th av.	Both.	6	19		1,101.1		294.35
4th st. N.	17th av.	18th av.	Both.	6	20	698.4			167.62
5th st. N.	24 st.	In front of Lot 1, Blk. 3.	Both.	8	21	2,191.9		1,013.52	
5th st. N.	3d av.	Bridge over 4th av.	Both.	8	22	40		213.15	11.30
5th st. N.	12th av.	Washington av.	Both.	15	23	147			568.58
5th st. N.	12th av.	Washington av.	Both.	8	24		2,145		330.61
5th st. N.	5th st.	3d st.	Both.	6	25		1,377.7		
14th av. N.	Washington av.	Girard av.	Both.	6	26		314.5	188.70	
14th av. N.	Dupont av.	34th st.	Both.	6	27	287		172.90	
14th av. N.	24 st.	Washington av.	Both.	6	28		1,977		474.52
15th av. N.	Washington av.	3d st.	Both.	6	29		755.7		181.37
15th av. N.	Washington av.	3d st.	Both.	8	30	629	356		85.44
15th av. N.	Washington av.	4th st.	Both.	6	31			503.20	
15th av. N.	Washington av.	4th st.	Both.	6	32		556		133.44
15th av. N.	Washington av.	4th st.	Both.	6	33		333.3		79.99
15th av. N.	Washington av.	4th st.	Both.	6	34		1,444		351.36
15th av. N.	Washington av.	4th st.	Both.	6	35		317		76.08
15th av. N.	Washington av.	4th st.	Both.	6	36		839.8		296.40
15th av. N.	Washington av.	4th st.	Both.	4	37		297		51.40
15th av. N.	Washington av.	4th st.	Both.	6	38		975.1		217.92
15th av. N.	Washington av.	4th st.	Both.	6	39		1,809.5		434.26
15th av. N.	Washington av.	4th st.	Both.	6	40		475.1		114.02
15th av. N.	Washington av.	4th st.	Both.	6	41		1,316.9		316.06
15th av. N.	Washington av.	4th st.	Both.	6	42		103.3		94.79
15th av. N.	Washington av.	4th st.	Both.	6	43		800.9		212.82
15th av. N.	Washington av.	4th st.	Both.	6	44		219.5		52.68
15th av. N.	Washington av.	4th st.	Both.	6	45		375.2		99.04
15th av. N.	Washington av.	4th st.	Both.	6	46		1,495.2		342.00
15th av. N.	Washington av.	4th st.	Both.	6	47		800.1		300.43
15th av. N.	Washington av.	4th st.	Both.	6	48		408		17.32
15th av. N.	Washington av.	4th st.	Both.	6	49		583.1		139.94
15th av. N.	Washington av.	4th st.	Both.	6	50		814.7		136.94
15th av. N.	Washington av.	4th st.	Both.	6	51		706.3		191.11
15th av. N.	Washington av.	4th st.	Both.	6	52		863.8		207.30
15th av. N.	Washington av.	4th st.	Both.	6	53		1,922.9		283.50
15th av. N.	Washington av.	4th st.	Both.	6	54		2,445.7		586.40
15th av. N.	Washington av.	4th st.	Both.	10	55	108.5		108.50	
15th av. N.	Washington av.	4th st.	Both.	6	56		357.3		630.36
15th av. N.	Washington av.	4th st.	Both.	6	57		2,474.8		593.95
15th av. N.	Washington av.	4th st.	Both.	6	58		698.2		145.96
15th av. N.	Washington av.	4th st.	Both.	6	59		914.4		219.45
15th av. N.	Washington av.	4th st.	Both.	6	60		593.8		142.51
15th av. N.	Washington av.	4th st.	Both.	8	61	615		492.00	
15th av. N.	Washington av.	4th st.	Both.	8	62	686		548.80	

TABLE NO. 14.—Continued.
THIRD WARD.

STREET.	FROM—	TO—	SIDE.	Width.	No. of Assess- ment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
2d st. N.	14th av.	22d av.	Both	8	63	712	4765	569.00	1342.00
6th av. N.	2d st.	Wash av.	Both	8	64	450		300.00	
6th av. N.	4th st.	5th st.	Both	8	65			38.76	
6th st. N.	15th av.	16th av.	West	6	66	64.6			167.04
7th av. N.	22d av.	24th st.	Both	6	67		606		
7th av. N.	In front of lot 10, block 30.	Minneapolis	Both	6	68	176		105.60	
7th av. N.	Wash av.	3d st.	Both	6	69	727.9		436.74	
7th av. N.	3d st.	4th st.	Both	6	70		701		168.74
7th av. N.	Hoag av.	Oak lake av.	Both	6	71		552.3		132.53
16th av. N.	1st st.	2d st.	South	6	72		691.1		144.22
16th av. N.	Wash av.	5th st.	North	6	73		350		84.00
16th av. N.	Penn av.	6th st.	Both	6	74		691		165.84
17th av. N.	3d st.	Russell av.	Both	6	75		273		65.52
3rd st. N.	Exc. in front of lot 8, blk. 3.	4th st.	West	12	77	59.4	1,000.4	68.31	201.68
3rd st. N.	9, Brown's sub. in Case & Bog over 4th av.	6th av.	Both	6	78	55		33.00	
3rd st. N.	12th av.	Plymouth av.	Both	15	79	373.5		534.33	
3rd st. N.	15th av.	Washington av.	East	8	80	1,081		861.80	
12th av. N.	4th st.	Lyndale av.	Both	6	82		690.2		167.78
12th av. N.	6th st.	Lyndale av.	North	6	83	988.5		592.80	
12th av. N.	In front of lot 5, blk. 3.	Gale's 2nd addition.	South	6	84		688.8		167.71
12th av. N.	Washington av.	18, Minneapolis.	North	6	85	138.8		83.28	
20th av. N.	Exc. in front of lot 5 and 6, blk. 18, Minneapolis.	Lyndale av.	North	18	87	125		166.5	39.06
20th av. N.	Lyndale av.	Aldrich av.	North	6	88			218.75	
21st av. N.	Oliver av.	Penn av.	North	6	89	1,205.3		723.18	
22nd av. N.	Lyndale av.	Aldrich av.	Both	6	90		176.5		42.36
22nd av. N.	Girard av.	Irving av.	North	6	91		532.8		197.88
22nd av. N.	Lyndale av.	Irving av.	South	6	92		326.9		78.45
22nd av. N.	Lyndale av.	Irving av.	Both	6	93		327.8		78.47
23rd av. N.	Lyndale av.	Aldrich av.	Both	6	94		1,815.5		433.3
23rd av. N.	Irving av.	Dupont av.	North	6	94		327.8		78.48
23rd av. N.	Irving av.	Dupont av.	North	6	95		1,241.2		297.80

THIRD WARD.

22nd av. N.	Penn av.	Both.	6	96	1,503.5	300.80
23rd av. N.	Lyndale av.	North.	6	97	327	78.48
24th av. N.	Fremont av.	South.	6	98	826.5	108.36
25th av. N.	James av.	North.	6	99	470.2	112.85
26th av. N.	Fremont av.	South.	6	100	333	79.92
27th av. N.	River.	South.	6	101	159.3	382.32
28th av. N.	Fremont av.	South.	6	102	333	79.92
Washington av. N.	3rd av.	Both.	18	103	1,911.50	
Washington av. N.	15th av.	West.	9	104	942.72	
*Washington av. N.	20th av.	East.	9	105	247.95	
Exc. in front of lot 5, blk. 18.	24th av.	West.	8	106	172.80	
Washington av. N.	18, North Minneapolis.	West.	12	107	114	
Washington av. N.	In front of lot 11, blk. 22, Bas.	West.	9	108	55	
Wash. av. N. in front of S 1/2	lot 11 and all lot 12, blk. 27	West.	9	109	92	
Washington av. N.	In front of lot 7, 8 and 9, blk.	West.	9	110	174.5	
					15,094.3	
					73,096.2	\$17,997.40

FOURTH WARD.

Aldrich av.	4th av. N.	East.	6	1	\$ 356.5	\$ 85.58
Aldrich av. in front of	5th av. N.	East.	6	2	144.5	34.68
Aldrich av. in front of	addition.	East.	6	3	102	46.08
Cedar Lake road.	Laurel av.	South.	6	4	1,092.6	282.22
Clinton av.	Vine place.	North.	6	5		
*Clinton place.	Clinton av.	West.	6	6	1,354.8	\$753.28
Colfax av.	4th av. N.	West.	6	7	143.2	34.37
Colfax av.	Franklin av.	West.	6	8	1,311	230.84
Douglas av.	Logan av.	North.	6	9	287	68.88
11th st.	Holden st.	East.	6	10	190.20	
Franklin av.	Lyndale av.	North.	8	11	738.4	206.75
Fremont av.	Douglas av.	Both.	6	12	444.2	106.61
4th av. N.	Douglas av.	South.	6	13	363	63.12
4th av. N.	Colfax av.	South.	6	14	690.4	151.30
5th av. N.	Penn av.	North.	6	15	147.2	35.33
5th st. N.	Bryant av.	North.	6	16		
5th st. N.	3d av.	South.	8	17	325.00	
14th st.	3d av.	Both.	6	18	389.40	
15th st. in front of rear	son, Bell & Wagner's addition.	Both.	6	19	30.00	
Grant st.	Vine place.	South.	6	20	106.60	
Graveland av.	Willow place.	South.	6	21	65.10	
Harmon place.	Clinton place.	North.	6	22	1,956.7	499.60
	13th st.	West.	6	23	315.84	

*All built.

TABLE No. 13.—Continued.
EIGHTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by own-ers, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by own-ers, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Harriet av.	26th st.	26th st.	East.	6	151	.....	90	330	630	
Lake st.	5th av. S.	Chicago av.	Both.	8	.....	.....	.....	128	128	
Nicollet av.	Franklin av.	26th st.	West.	8	570	.....	.....	112	601	
Nicollet av.	33d st.	32d st.	East.	8	.....	.....	90	400	490	
Park av.	24th st.	26th st.	Both.	8	5,485	860	.....	.....	6,345	
Pleasant av.	26th st.	26th st.	West.	6	.....	.....	.....	175	175	
Pleasant av.	26th st.	27th st.	West.	6	.....	.....	.....	76	76	
Pleasant av.	33d st.	34th st.	Both.	8	.....	.....	.....	908	908	
Queen av.	21st st.	N. line 8th ward.	West.	6	271	.....	.....	.....	271	
Stevens av.	26th st.	27th st.	West.	6	500	.....	.....	.....	500	
Stevens av.	28th st.	28th st.	Both.	6	.....	.....	.....	.....	500	
Stevens av.	29th st.	Lake st.	Both.	6	.....	.....	.....	324	324	
Stevens av.	29th st.	Lake st.	West.	6	.....	.....	.....	776	776	
Stevens av.	29th st.	25th st.	West.	6	53	.....	.....	45	45	
2d av. S.	24th st.	26th st.	West.	6	.....	.....	.....	.....	56	
6½ av. S.	24th st.	26th st.	West.	6	.....	.....	.....	92	92	
6½ av. S.	27th st.	28th st.	West.	6	.....	.....	87	40	40	
6½ av. S.	31st st.	34th st.	Both.	6	176	.....	.....	233	499	
24th st.	Portland av.	6½ av. S.	South.	8	.....	40	.....	.....	40	
27th st.	Pillsbury av.	Lyndale av.	North.	6	.....	.....	.....	984	984	
27th st.	Pillsbury av.	Garfield av.	South.	6	.....	.....	.....	1,021	1,021	
28th st.	5th av. S.	Chicago av.	Both.	8	.....	.....	134	301	535	
28th st.	5th av. S.	Chicago av.	South.	8	.....	.....	.....	47	47	
28th st.	DuPont av.	Hennepin av.	North.	8	.....	.....	.....	923	923	
29th st.	Nicollet av.	Pleasant av.	Both.	6	.....	.....	258	1,942	2,200	
30th st.	Nicollet av.	Pleasant av.	North.	6	.....	.....	303	776	1,079	
31st st.	Nicollet av.	Blaisdell av.	North.	6	.....	.....	.....	383	383	
32d st.	1st av. S.	2d av. S.	South.	8	.....	.....	.....	276	276	
32d st.	Portland av.	Park av.	South.	8	.....	.....	.....	533	533	
32d st.	Blaisdell av.	Pillsbury av.	Both.	8	.....	.....	.....	426	426	
32d st.	Nicollet av.	Pillsbury av.	Both.	8	30	.....	178	766	766	
					8,079	1,006	2,818	19,311	31,804	\$13,442.95

TABLE NO. 13.—Continued.
ELEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Butler place.....	22nd av. S.....	23rd av. S.....	South..	4			202		202	
Cedar av.....	7th st.....	Franklin av.....	East..	8			61		61	
8th st. S.....	11th av.....	13th av.....	South..	8			70		70	
8th st. S.....	16th av.....	17th av.....	North..	8			110		110	
9th st. S.....	20th av.....	21st av.....	Both..	8			170		409	
19th st.....	17th av.....	R. R.....	Both..	8			230		230	
7th st. S.....	10th av.....	12th av.....	South..	8	132				132	
7th st. S.....	13th av.....	16th av.....	South..	8	60				60	
7th st. S.....	19th av.....	20th av.....	South..	8			146		146	
7th st. S.....	Riverside av.....	22nd av.....	South..	8			100		100	
16th av. S.....	7th st.....	8th st.....	West..	8			225		225	
20th av. S.....	7th st.....	Franklin av.....	Both..	8			113		113	
22nd st.....	18th av. S.....	Cedar av.....	North..	8			143		143	
24th av. S.....	Riverside av.....	Franklin av.....	West..	8			22		22	
				201			880	941	2,022	\$2,907.54

TWELFTH WARD.

41st av. S.....	52nd st.....	53rd st.....	West..	6	617				617	
53 1/2 st. S.....	31st av.....	34th av.....	South..	6			542		542	
9th av. S.....	34th st.....	36th st.....	Both..	6			2,402		2,402	
10th av. S.....	34th st.....	36th st.....	Both..	6	60		824		1,007	
12th av. S.....	35th st.....	36th st.....	Both..	6			771		771	
14th av. S.....	35th st.....	36th st.....	Both..	6			830		1,950	
24th av. S.....	40th st.....	54th st.....	West..	6			267		267	
38th st.....	Chicago av.....	10th av. S.....	South..	6					530	
				677			2,463	4,782	7,922	\$1,691.48

THIRTEENTH WARD.

Chicago av.....	35th st.....	36th st.....	West..	6					554	
Lyndale av.....	34th st.....	36th st.....	East..	8					613	
Portland av.....	34th st.....	36th st.....	East..	8			1,821		1,760	
Portland av.....	37th st.....	38th st.....	West..	8					1,223	
34th st.....	Nicollet av.....	Chicago av.....	South..	8			130		2,101	
							1,400	6,361	7,711	\$2,050.44

SUMMARY OF TABLE NO. 13.

WARD.	LENGTH.				Total cost.
	Artificial stone walk laid by owners	Artificial stone walk laid by city.	Plank walk laid by owners	Plank walk laid by city.	
	Feet.	Feet.	Feet.	Feet.	
First.....	2,636	434	608	9,204	\$6,149.00
Second.....	7,746	1,372	3,519	4,625	9,200.02
Third.....	2,138	195	8,956	35,231	17,280.67
Fourth.....	9,542	175	2,797	19,247	16,202.25
Fifth.....	2,848	66	1,010	4,068	10,150.60
Sixth.....	1,441	.....	3,954	6,353	8,310.54
Seventh.....	3,103	.....	3,449	9,324	4,135.06
Eighth.....	8,079	1,096	2,818	19,311	13,444.82
Ninth.....	9,746	208	9,186	22,869	13,517.97
Tenth.....	.....	.....	5,563	15,512	4,880.59
Eleventh.....	201	.....	880	941	2,907.54
Twelfth.....	677	.....	2,463	4,782	1,691.48
Thirteenth.....	.....	.....	1,460	6,251	2,020.44
Totals.....	48,157	6,546	46,663	157,718	\$109,931.00

49.07 miles

TABLE No. 23.

WATERMAINS LAID DURING THE SEASON OF 1891.

The following named watermains were laid by the City by day work. The abutting property was assessed sixty-five (65c) cents per front foot, regardless of the size of the mains:

STREET.	FROM—	TO—	Size, inches.	Number of extensions.	Length, feet.	Cost
Aldrich av.	20th av. N.	22d av. N.	6	589	795	\$ 879.4
Blaisdell av.	27th st.	28th st.	6	590	635	705.0
Bryant av.	Franklin av.	24th st.	6	591	1,280	1,298.8
Bryant av.	26th st.	27th st.	6	592	721	829.0
Central av.	10th st. N. E.	Harrison st.	6	663	1,029	1,220.4
Clinton av.	Lake st.	31st st.	6	594	642	719.15
Clinton av.	32d st.	33d st.	6	595	697	627.01
Colfax av.	Mt. Curve av.	Douglass av.	6	596	348	505.16
Colfax av.	24th st.	Hennepin av.	6	597	1,063	1,126.37
Delaware st.	Church st.	Union st.	6	609	553	676.28
Delaware st.	Union st.	Oak st.	6	598	1,226	1,287.58
Emerson av.	27th av. N.	29th av. N.	6	603	632	701.23
Emerson av.	27th st.	28th st.	6	604	612	649.6
8th st. S. E.	7th av.	9th av.	6	600	829	951.83
11th av. S.	38th st.	39th st.	6	601	624	729.32
18th av. S.	Lake st.	34th st.	6	599	2,563	2,627.01
Franklin av.	Bryant av.	Hennepin av.	12	609	239	508.04
Fremont av.	12th av. N.	Plymouth av.	6	610	418	489.94
Fremont av.	20th av. N.	27th av. N.	6	611	3,092	3,262.56
Fulton st.	Harvard st.	Oak st.	6	608	778	924.36
5th av. S.	31st st.	32d st.	6	606	603	562.72
15th st.	Spruce Place.	Willow st.	6	605	297	362.42
Girard av.	8th av. N.	Plymouth av.	6	612	2,060	2,291.28
Girard av.	Lake st.	31st st.	6	613	615	792.51
Grant st.	Nicollet av.	Vine Place.	6	614	366	363.78
Hillside av.	Irving av.	Logan av.	8	615	1,921	2,544.02
James av.	20th av. N.	Hillside av.	8	616	1,837	2,310.30
Lake st.	9th av. S.	Hiawatha av.	12	617	5,993	12,030.08
Lake st.	Hennepin av.	Irving av.	12	618	997	2,140.49
Logan av.	Crystal Lake av.	Hillside av.	6	619	641	912.02
Marshall st.	4th av. N. E.	5th av. N. E.	6	659	708	969.44
Marshall st.	200 f. of 13 av. N. E.	13th av. N. E.	6	704	244	376.77
Mary Place.	12th st. S.	13th st. S.	6	621	499	556.11
Monroe st.	Central av.	Summer st.	6	622	2,182	3,375.25
Mt. Curve av.	Hillside Place.	Colfax av.	6	623	267	333.72
Nicollet av.	34th st.	37th st.	8	624	1,858	2,291.98
9th st. S.	15th av.	16th av.	6	626	599	662.56
Oak Lake av.	8th av. N.	10th av. N.	6	628	194	185.75
Park av.	Lake st.	32d st.	6	629	1,213	1,111.59
Pillsbury av.	28th st.	Lake st.	6	630	1,322	1,400.06
Pleasant st.	Beacon st.	Wash. av. S. E.	6	572	367	464.36
Plymouth av.	Lyndale av.	Humboldt av.	16	631	2,728	7,756.49
Portland av.	33d st.	38th ft.	8	632	3,272	4,073.63
2d av. S.	33d st.	35th st.	6	635	1,380	1,370.56
2d st.	5th av. S.	20th av. N.	36	634	9,589	*103,339.24
6th st. N. E.	Broadway st.	17th av. N. E.	6	639	2,845	3,907.01
6½ av. S.	Lake st.	32d st.	6	640	1,211	1,156.19
7th st. S.	15th av.	Cedar av.	8	638	1,357	1,844.43
16th st.	Park av.	Chicago av.	6	637	586	586.36
Tuttle st.	Talmage av.	Division st.	6	648	676	660.15
3d st. N.	19th av.	20th av.	16	644	442	1,253.03
10th av. N.	1st st.	2d st.	16	660	55	186.58
10th av. N.	3d st.	Oak Lake av.	6	642	1,381	1,440.18
10th av. S.	Franklin av.	22d st.	6	643	596	550.78
12th av. S.	26th st.	27th st.	6	649	1,308	1,289.73
13th av. S.	24th st.	26th st.	6	646	1,310	1,255.18
13th st. S.	Vine Place.	Nicollet av.	6	645	584	637.49
21st av. S.	7th st.	8th st.	6	650	503	645.39
22d st.	27th av. S.	29th av. S.	6	651	829	1,015.72
23d av. S.	9th st.	Franklin av.	6	667	445	504.55

*This total includes 386 feet of tunnel under the Gt. N. Ry. at a cost of \$11,274.24.

THIRD WARD.

6th st. N.	24th av.	26th av.	Both.	6	180	835	1,024
7th st. N.	Bradford av.	Oak lake av.	North.	6	27	27	27
3d st. N.	6th av.	7th av.	Both.	8	214	313	313
3d st. N.	12th av.	Plymouth av.	East.	8	122	122	122
3d st. N.	20th av.	22d av.	Both.	8	448	1,072	1,530
13th av. N.	Aldrich av.	Dupont av.	Both.	6	334	501	845
20th av. N.	River	2d st.	Both.	8	385	1,093	1,478
20th av. N.	Emerson av.	3d st.	Both.	12	103	114	307
21st av. N.	Crystal lake av.	James av.	South.	18	58	390	448
22d av. N.	Emerson av.	Oliver av.	Both.	6	225	507	792
23d av. N.	Crystal lake av.	Gilard av.	Both.	6	334	903	1,297
24th av. N.	Dupont av.	Penn av.	Both.	6	123	1,253	1,233
24th av. N.	Hillside av.	6th st.	Both.	6	500	80	303
24th av. N.	Dupont av.	Fremont av.	Both.	6	705	300	920
25th av. N.	3d st.	6th st.	Both.	6	107	480	647
25th av. N.	Fremont av.	Penn av.	North.	6	107	533	896
25th av. N.	Logan av.	14th av. N.	Both.	6	100	9,234	9,334
Washington av.	Plymouth av.		East.	18	171	171	171
				2 138	8,956	35,231	46,320
							\$17,280.67

FOURTH WARD.

Aldrich av.	Western av.	6th av. N.	Both.	6	612	908	908
Bryant av.	Western av.	6th av. N.	Both.	6	150	787	1,409
Cedar Lake road	Western av.	Bassett Creek	East.	6	302	1,089	1,451
Douglas av.	Dupont av.	6th av. N.	Both.	6	352	1,414	1,766
Dupont av.	Erie av.	Knox av.	North.	6	370	318	688
Dupont av.	Douglas av.	Superior av.	East.	6	634	634	634
Dupont av.	Douglas av.	Franklin av.	West.	6	688	688	688
Erie av.	Ontario av.	Superior av.	South.	6	1,148	1,148	1,148
Forest av.	Hennequin av.	Dupont av.	North.	6	300	574	574
Franklin av.	Lyndale av.	Groveland av.	Both.	8	352	972	1,272
Franklin av.	Lyndale av.	Dupont av.	North.	8	100	352	352
Franklin av.	Lyndale av.	Lyndale av.	North.	8	100	1,088	1,088
Fremont av.	Lyndale av.	Douglas av.	Both.	6	438	438	438
4th av. N.	Lyndale av.	Colfax av.	Both.	6	608	608	608
4th av. N.	Lyndale av.	Colfax av.	Both.	6	632	632	632
4th av. N.	Morgan av.	Russell av.	South.	6	581	581	581
4th av. N.	Lyndale av.	Newton av.	Both.	6	280	902	1,043
5th st. N.	1st av.	Fremont av.	East.	8	572	572	572

TABLE 13.—Continued.
FOURTH WARD.

STREET.	FROM—	TO—	SIZE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owner, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost.
14th st.	Nicollet av.	Spruce Place.	Both.	6			174	174	348	
15th st.	Nicollet av.	Spruce Place.	Both.	6	313			174	487	
15th st.	Linden av.	Hawthorn av.	West.	6	176				176	
Grant av.	Douglas av.	Franklin av.	West.	6	87		130	440	1,126	
Grant st.	Nicollet av.	Spruce Place.	Both.	6				635	70	
Groveland av.	Ridgewood av.	Lyndale av.	Both.	6	187				665	
Hennepin av.	Spruce Place.	Harmon Place.	South.	6					187	
Humboldt av.	Mt. Curve av.	Douglas av.	East.	6	229		144		373	
Laurel av.	Bryant av.	Dupont av.	Both.	6				287	287	
Linden av.	15th st.	16th st.	Both.	6					309	
Linden av.	17th st.	Lyndale av.	Both.	6	309				250	
Lyndale av.	Hawthorn av.	Linden av.	Both.	6	150			159	318	
Lyndale av.	Ontario av.	Erie av.	West.	6				317	317	
Lyndale av.	Lincoln av.	Franklin av.	West.	8				583	583	
Lyndale av.	Groveland av.	Franklin av.	East.	8	596			830	1,426	
Nicollet av.	Grant st.	15th st.	East.	8	295				295	
Penn av.	5th av N.	15th st.	West.	6				947	947	
Pleasant av.	Ridgewood av.	Franklin av.	Both.	6				287	287	
Queen av.	Kenwood boul.	South line 4th ward.	West.	6	962			962	962	
Ridgewood av.	Pillsbury av.	Lyndale av.	Both.	6	2,967	100		3,067	3,067	
Sheridan av.	Kenwood boul.	Franklin av.	West.	6	962				962	
6th av N.	Bradford av.	Oak Lake av.	South.	6			134	105	105	
6th av N.	Lyndale av.	Colfax av.	South.	6				58	182	
17th st.	Laurel av.	Erie av.	Both.	6				290	290	
2d av N.	Aldrich av.	Colfax av.	Both.	6	1,233			297	297	
Vine Place.	Grant st.	17th st.	Both.	6		75			1,358	
					9,542	175	2,797	19,247	31,761	\$16,202.25

FIFTH WARD.

Chicago av.	14th st.	15th st.	East.	6	159				159	
Chicago av.	15th st.	16th st.	West.	6			99		99	
	16th st.	17th st.	West.	6	185				185	
	Franklin av.	24th st.	Both.	6				198	198	

SIXTH WARD.

23rd av. S.	Riverside av.	7th st.	West.	128	128
24th av. S.	6th st.	7th st.	Both.	184	184
25th av. S.	6th st.	7th st.	Both.	...	...
26th av. S.	6th st.	7th st.	Both.	122	248
27th av. S.	6th st.	7th st.	Both.	204	434
				1,441	2,954
				6,383	11,763
					98,310.54

SEVENTH WARD.

Chicago av.	Lake st.	24th st.	East.	404	404
18th av. S.	24th st.	24th st.	Both.	3,594	3,594
Minnehaha av.	Bloomington av.	18th av. S.	Both.	1,632	1,674
18th av. S.	24th st.	24th st.	East.	1,074	1,901
19th av. S.	24th st.	24th st.	Both.	334	580
20th av. S.	Lake st.	24th st.	Both.	2,997	2,997
21st av. S.	Lake st.	24th st.	Both.	1,030	1,170
22nd av. S.	Chicago av.	11th av. S.	Both.	1,090	1,090
23rd av. S.	11th av. S.	11th av. S.	South.	260	300
24th st.	Minnehaha av.	23d av. S.	Both.	92	932
25th st.	12th av. S.	14th av. E.	Both.	915	1,045
26th st.	16th av. S.	18th av. E.	Both.	233	932
27th st.	18th av. S.	Cedar av.	Both.	538	538
28th st.	18th av. S.	Cedar av.	Both.	137	137
29th st.					
30th st.					
31st st.					
32d st.					
				3,103	15,876
				3,449	4,135.06

EIGHTH WARD.

Aldrich av.	Franklin av.	22d st.	West.	76	76
Bryant av.	26th st.	27th st.	Both.	365	1,171
Bladell av.	31st st.	28th st.	West.	582	582
Chicago av.	Lake st.	24th st.	West.	1,416	2,218
Clinton av.	24th st.	25th st.	East.	455	455
Clinton av.	25th st.	26th st.	Both.	270	480
Clinton av.	26th st.	27th st.	Both.	2,049	2,049
Clinton av.	27th st.	Lake st.	Both.	487	557
Columbus av.	28th st.	29th st.	West.	468	468
1st av. S.	28th st.	29th st.	Both.	58	58
4th av. S.	29th st.	30th st.	West.	360	772
5th av. S.	30th st.	31st st.	East.	297	297
6th av. S.	31st st.	32d st.	West.	335	335
Grand av.	Lake st.	31st st.	West.	46	46

TABLE NO. 11.—Continued.

SEWERS ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1891.

STREET—	FROM—	TO.	Kind.	Shape.	Size, inches.	Length, feet.	Amount of assessment.	Estimated cost.
17th street....	Chicago av....	10th av. S....	Pipe ..	Oval ..	12	652	1,288.50	1,487.31
Third av. N....	N. Mpls. tun'l.	4th street	Pipe ..	Oval ..	15	289	897.68	3,126.86
+Third av. N....	N. Mpls. tun'l.	5th street	Brick..	Egg ..	36	125	1,258.36	6,000.00
3rd av. N. E....	5th street	Madison st....	Tun'l.	Egg ..	24	600	602.96	896.70
*3rd st. N.....	19th av....	20th av.....	Brick..	Egg ..	24	324		
12th av. N.....	Wash. av....	W. line lot 8, blk. 1, Case & Others Sub..	Pipe ..	Oval ..	12	274	481.55	795.13
12th av. S....	26th street....	28th st.....	Brick..	Egg ..	24	1,300	2,832.82	3,819.03
13th av. N. E....	Marshall st....	Grand st.....	Brick..	Egg ..	24	401	1,611.75	2,188.65
13th av. N. E....	Grand st.....	Main st.....	Pipe ..	Oval ..	12	220	601.35	1,307.69
22nd av. S....	Riverside av....	7th st.....	Brick..	Egg ..	24	373	1,679.70	2,558.17
22nd av. S....	Seventh st....	9th st.....	Pipe ..	Oval ..	15	936	670.80	709.00
23rd street....	14th av. S....	15th av. S....	Pipe ..	Oval ..	12	299	1,006.20	2,530.37
24th av. S....	26th street....	25th st.....	Brick..	Egg ..	24	646	1,908.56	2,368.52
26th av. S....	26th street....	25th st.....	Brick..	Egg ..	24	646	2,111.61	25,240.90
26th street....	Minnehaha av....	27th av. S....	Brick..	Cir ..	96	1,639	5,324.25	3,238.43
27th street....	Lyndale av....	Aldrich av....	Brick..	Egg ..	66	329		22,048.40
27th street....	Aldrich av....	Hennepin av....	Brick..	Cir ..	60	2,148		
#Monroe st....	224 feet from Bd'w'y st. M. H.	18½ av. N. E. }	Brick..	Egg ..	24	2,314		
#7th st. S. E....	385.3 ft. from 7th st. M. H.	5th av. }	Pipe ..	Oval ..	15	309		10,073.88
#Como av....	23rd av. S. E....	26th av. S. E....	Brick..	Egg ..	15	125		1,297.66
#First av. S....	27th street....	29th st.....	Pipe ..	Oval ..	12	358		5,556.06
#First av. S....	29th street....	32nd st.....	Brick..	Egg ..	24	1,149		
			Brick..	Egg ..	30	1,332		
			Brick..	Egg ..	24	1,865		12,634.35
Built previous to 1892.....						32,694	\$75,800.70	\$122,534.24
Remaining to be built 1892.....						43,718	83,253.49	201,400.96
Grand Total.....						76,412	\$159,053.19	\$323,795.30

*Built in 1890. +Built in 1891. #Left over from 1891.

SUMMARY OF TABLE NO. 11.

KIND.	Shape.	Size, inches.	Estimated length, feet.
Pipe	Oval ..	12	7,552
Pipe	Oval ..	15	5,316
Brick	Egg ..	24	20,138
Brick	Egg ..	30	1,332
Brick	Egg ..	36	664
Brick	Egg ..	42	1,182
Brick	Egg ..	51	792
Brick	Egg ..	54	2,036
Brick	Egg ..	60	2,148
Brick	Egg ..	66	329
Brick	Circular	96	1,639
Brick and stone	Tunnel		600
Total, 8.28 miles.....			43,718

TABLE No. 12.
GRADING DONE BY CONTRACT IN 1901.

STREET.	FROM.	TO.	WARD.	Price per cubic yd.	Cubic yards.	Cost.	Name of Contractor
Stock Yards road.....	Broadway street.	City limits.	9	.16	25,767	\$4,122.72	Gorman & Peterson.
Thirty-second av. N....	Penn avenue.....	Crystal lake avenue.....	10	.10	3,614	\$4,686.66	Canney Bros.
					29,381	\$4,809.38	

TABLE NO. 13.
SIDEWALKS LAID DURING THE SEASON OF 1901.

The whole cost of sidewalks is assessed to abutting property. Property owners are allowed to lay their own walks, subject to the inspection of this department. Men are employed and paid by the lineal foot to lay plank walks not laid by the owners. Stone walks laid by the city are laid by contract.

FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost.
4th st. N. E.	13th av.	18th av.	West.	6	.....	.....	.....	1,371	1,371	
4th st. N. E.	18th av.	20th	Both.	6	.....	.....	.....	1,166	1,166	
5th st. N. E.	1st av.	2nd av.	West.	6	132	.....	.....	.....	132	
Island av.	North of G. N. Ry.	.....	Inland.	6	1,754	100	.....	.....	1,854	
Marshall st.	8th av. N. E.	13th av. N. E.	East.	6	1,362	334	.....	.....	1,726	
Marshall st.	22d av. N. E.	26th av. N. E.	Both.	6	.....	.....	841	2,902	3,223	
2d st. N. E.	13th av.	26th av.	Both.	6	.....	.....	287	2,538	2,705	
University av. N. E.	Central av.	6th av.	Both.	6	75	.....	.....	.....	75	
University av. N. E.	18th av.	20th av.	Both.	6	340	.....	.....	.....	340	
University av. N. E.	18th av.	20th av.	Both.	6	.....	.....	.....	1,245	1,245	
					2,636	434	608	9,204	13,942	\$6,140.00

SECOND WARD.

Beacon st.	Pleasant st.	Union st.	6	6	1,074	144	1,074	1,074
Delaware st.	Oak st.	Church st.	6	6	356	183	356	506
11th av. S. E.	6th st.	7th st.	6	6	225		225	358
4th av. S. E.	4th st.	5th st.	6	6	358			218
4th st. S. E.	2nd av.	3rd av.	6	6	218			66
4th st. S. E.	6th av.	7th av.	6	6	66			272
4th st. S. E.	7th av.	8th av.	6	6	212			356
4th st. S. E.	8th av.	9th av.	6	6	278			504
4th st. S. E.	10th av.	11th av.	6	6	358			243
4th st. S. E.	11th av.	12th av.	6	6	504			146
4th st. S. E.	12th av.	13th av.	6	6	146			284
4th st. S. E.	13th av.	14th av.	6	6	284			218
4th st. S. E.	14th av.	15th av.	6	6	218			358
4th st. S. E.	15th av.	16th av.	6	6	358			734
4th st. S. E.	16th av.	17th av.	6	6	734			410
4th st. S. E.	17th av.	18th av.	6	6	410			335
4th st. S. E.	18th av.	19th av.	6	6	335			170
4th st. S. E.	19th av.	20th av.	6	6	170			170
4th st. S. E.	20th av.	21st av.	6	6	170			344
4th st. S. E.	21st av.	22nd av.	6	6	344			200
4th st. S. E.	22nd av.	23rd av.	6	6	200			120
4th st. S. E.	23rd av.	24th av.	6	6	120			202
4th st. S. E.	24th av.	25th av.	6	6	202			636
4th st. S. E.	25th av.	26th av.	6	6	636			895
4th st. S. E.	26th av.	27th av.	6	6	895			1,323
4th st. S. E.	27th av.	28th av.	6	6	1,323			1,150
4th st. S. E.	28th av.	29th av.	6	6	1,150			1,054
4th st. S. E.	29th av.	30th av.	6	6	1,054			923
4th st. S. E.	30th av.	31st av.	6	6	923			1,054
4th st. S. E.	31st av.	32nd av.	6	6	1,054			1,054
4th st. S. E.	32nd av.	33rd av.	6	6	1,054			1,054
4th st. S. E.	33rd av.	34th av.	6	6	1,054			1,054
4th st. S. E.	34th av.	35th av.	6	6	1,054			1,054
4th st. S. E.	35th av.	36th av.	6	6	1,054			1,054
4th st. S. E.	36th av.	37th av.	6	6	1,054			1,054
4th st. S. E.	37th av.	38th av.	6	6	1,054			1,054
4th st. S. E.	38th av.	39th av.	6	6	1,054			1,054
4th st. S. E.	39th av.	40th av.	6	6	1,054			1,054
4th st. S. E.	40th av.	41st av.	6	6	1,054			1,054
4th st. S. E.	41st av.	42nd av.	6	6	1,054			1,054
4th st. S. E.	42nd av.	43rd av.	6	6	1,054			1,054
4th st. S. E.	43rd av.	44th av.	6	6	1,054			1,054
4th st. S. E.	44th av.	45th av.	6	6	1,054			1,054
4th st. S. E.	45th av.	46th av.	6	6	1,054			1,054
4th st. S. E.	46th av.	47th av.	6	6	1,054			1,054
4th st. S. E.	47th av.	48th av.	6	6	1,054			1,054
4th st. S. E.	48th av.	49th av.	6	6	1,054			1,054
4th st. S. E.	49th av.	50th av.	6	6	1,054			1,054
4th st. S. E.	50th av.	51st av.	6	6	1,054			1,054
4th st. S. E.	51st av.	52nd av.	6	6	1,054			1,054
4th st. S. E.	52nd av.	53rd av.	6	6	1,054			1,054
4th st. S. E.	53rd av.	54th av.	6	6	1,054			1,054
4th st. S. E.	54th av.	55th av.	6	6	1,054			1,054
4th st. S. E.	55th av.	56th av.	6	6	1,054			1,054
4th st. S. E.	56th av.	57th av.	6	6	1,054			1,054
4th st. S. E.	57th av.	58th av.	6	6	1,054			1,054
4th st. S. E.	58th av.	59th av.	6	6	1,054			1,054
4th st. S. E.	59th av.	60th av.	6	6	1,054			1,054
4th st. S. E.	60th av.	61st av.	6	6	1,054			1,054
4th st. S. E.	61st av.	62nd av.	6	6	1,054			1,054
4th st. S. E.	62nd av.	63rd av.	6	6	1,054			1,054
4th st. S. E.	63rd av.	64th av.	6	6	1,054			1,054
4th st. S. E.	64th av.	65th av.	6	6	1,054			1,054
4th st. S. E.	65th av.	66th av.	6	6	1,054			1,054
4th st. S. E.	66th av.	67th av.	6	6	1,054			1,054
4th st. S. E.	67th av.	68th av.	6	6	1,054			1,054
4th st. S. E.	68th av.	69th av.	6	6	1,054			1,054
4th st. S. E.	69th av.	70th av.	6	6	1,054			1,054
4th st. S. E.	70th av.	71st av.	6	6	1,054			1,054
4th st. S. E.	71st av.	72nd av.	6	6	1,054			1,054
4th st. S. E.	72nd av.	73rd av.	6	6	1,054			1,054
4th st. S. E.	73rd av.	74th av.	6	6	1,054			1,054
4th st. S. E.	74th av.	75th av.	6	6	1,054			1,054
4th st. S. E.	75th av.	76th av.	6	6	1,054			1,054
4th st. S. E.	76th av.	77th av.	6	6	1,054			1,054
4th st. S. E.	77th av.	78th av.	6	6	1,054			1,054
4th st. S. E.	78th av.	79th av.	6	6	1,054			1,054
4th st. S. E.	79th av.	80th av.	6	6	1,054			1,054
4th st. S. E.	80th av.	81st av.	6	6	1,054			1,054
4th st. S. E.	81st av.	82nd av.	6	6	1,054			1,054
4th st. S. E.	82nd av.	83rd av.	6	6	1,054			1,054
4th st. S. E.	83rd av.	84th av.	6	6	1,054			1,054
4th st. S. E.	84th av.	85th av.	6	6	1,054			1,054
4th st. S. E.	85th av.	86th av.	6	6	1,054			1,054
4th st. S. E.	86th av.	87th av.	6	6	1,054			1,054
4th st. S. E.	87th av.	88th av.	6	6	1,054			1,054
4th st. S. E.	88th av.	89th av.	6	6	1,054			1,054
4th st. S. E.	89th av.	90th av.	6	6	1,054			1,054
4th st. S. E.	90th av.	91st av.	6	6	1,054			1,054
4th st. S. E.	91st av.	92nd av.	6	6	1,054			1,054
4th st. S. E.	92nd av.	93rd av.	6	6	1,054			1,054
4th st. S. E.	93rd av.	94th av.	6	6	1,054			1,054
4th st. S. E.	94th av.	95th av.	6	6	1,054			1,054
4th st. S. E.	95th av.	96th av.	6	6	1,054			1,054
4th st. S. E.	96th av.	97th av.	6	6	1,054			1,054
4th st. S. E.	97th av.	98th av.	6	6	1,054			1,054
4th st. S. E.	98th av.	99th av.	6	6	1,054			1,054
4th st. S. E.	99th av.	100th av.	6	6	1,054			1,054
4th st. S. E.	100th av.	101st av.	6	6	1,054			1,054
4th st. S. E.	101st av.	102nd av.	6	6	1,054			1,054
4th st. S. E.	102nd av.	103rd av.	6	6	1,054			1,054
4th st. S. E.	103rd av.	104th av.	6	6	1,054			1,054
4th st. S. E.	104th av.	105th av.	6	6	1,054			1,054
4th st. S. E.	105th av.	106th av.	6	6	1,054			1,054
4th st. S. E.	106th av.	107th av.	6	6	1,054			1,054
4th st. S. E.	107th av.	108th av.	6	6	1,054			1,054
4th st. S. E.	108th av.	109th av.	6	6	1,054			1,054
4th st. S. E.	109th av.	110th av.	6	6	1,054			1,054
4th st. S. E.	110th av.	111th av.	6	6	1,054			1,054
4th st. S. E.	111th av.	112th av.	6	6	1,054			1,054
4th st. S. E.	112th av.	113th av.	6	6	1,054			1,054
4th st. S. E.	113th av.	114th av.	6	6	1,054			1,054
4th st. S. E.	114th av.	115th av.	6	6	1,054			1,054
4th st. S. E.	115th av.	116th av.	6	6	1,054			1,054
4th st. S. E.	116th av.	117th av.	6	6	1,054			1,054
4th st. S. E.	117th av.	118th av.	6	6	1,054			1,054
4th st. S. E.	118th av.	119th av.	6	6	1,054			1,054
4th st. S. E.	119th av.	120th av.	6	6	1,054			1,054
4th st. S. E.	120th av.	121st av.	6	6	1,054			1,054
4th st. S. E.	121st av.	122nd av.	6	6	1,054			1,054
4th st. S. E.	122nd av.	123rd av.	6	6	1,054			1,054
4th st. S. E.	123rd av.	124th av.	6	6	1,054			1,054
4th st. S. E.	124th av.	125th av.	6	6	1,054			1,054
4th st. S. E.	125th av.	126th av.	6	6	1,054			1,054
4th st. S. E.	126th av.	127th av.	6	6	1,054			1,054
4th st. S. E.	127th av.	128th av.	6	6	1,054			1,054
4th st. S. E.	128th av.	129th av.	6	6	1,054			1,054
4th st. S. E.	129th av.	130th av.	6	6	1,054			1,054
4th st. S. E.	130th av.	131st av.	6	6	1,054			1,054
4th st. S. E.	131st av.	132nd av.	6	6	1,054			1,054
4th st. S. E.	132nd av.	133rd av.	6	6	1,054			1,054
4th st. S. E.	133rd av.	134th av.	6	6	1,054			1,054
4th st. S. E.	134th av.	135th av.	6	6	1,054			1,054
4th st. S. E.	135th av.	136th av.	6	6	1,054			1,054
4th st. S. E.	136th av.	137th av.	6	6	1,054			1,054
4th st. S. E.	137th av.	138th av.	6	6	1,054			1,054
4th st. S. E.	138th av.	139th av.	6	6	1,054			1,054
4th st. S. E.	139th av.	140th av.	6	6	1,054			1,054
4th st. S. E.	140th av.	141st av.	6	6	1,054			1,054
4th st. S. E.	141st av.	142nd av.	6	6	1,054			1,054
4th st. S. E.	142nd av.	143rd av.	6	6	1,054			1,054
4th st. S. E.	143rd av.	144th av.	6	6	1,054			1,054
4th st. S. E.	144th av.	145th av.	6	6	1,054			1,054
4th st. S. E.	145th av.	146th av.	6	6	1,054			1,054
4th st. S. E.	146th av.	147th av.	6	6	1,054			1,054
4th st. S. E.	147th av.	148th av.	6	6	1,054			1,054
4th st. S. E.	148th av.	149th av.	6	6	1,054			1,054
4th st. S. E.	149th av.	150th av.	6	6	1,054			1,054
4th st. S. E.	150th av.	151st av.	6	6	1,054			1,054
4th st. S. E.	151st av.	152nd av.	6	6	1,054			1,054
4th st. S. E.	152nd av.	153rd av.	6	6	1,054			1,054
4th st. S. E.	153rd av.	154th av.	6	6	1,054			1,054
4th st. S. E.	154th av.	155th av.	6	6	1,054			1,054
4th st. S. E.	155th av.	156th av.	6	6	1,054			1,054
4th st. S. E.	156th av.	157th av.	6	6	1,054			1,054
4th st. S. E.	157th av.	158th av.	6	6	1,054			1,054
4th st. S. E.	158th av.	159th av.	6	6	1,054			1,054
4th st. S. E.	159th av.	160th av.	6	6	1,054			1,054
4th st. S. E.	160th av.	161st av.	6	6	1,054			1,054
4th st. S. E.	161st av.	162nd av.	6	6	1,054			1,054
4th st. S. E.	162nd av.	163rd av.	6	6	1,054			

ZZZ	Central av.	Cable pole	North.	1	0	122	West.	1	1	257	North.	1	820	South.	1	835	122
ZZZ	Central av.	Cable pole	North.	1	0	79	West.	1	1	257	North.	1	820	South.	1	835	79
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	237
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	1,287
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	187
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	187
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	961
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	820
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	396
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	64
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	835
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	2,480
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	821
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	107
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	169
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	3,666
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	410
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	2,300
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	785
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	1,638
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	225
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	1,093
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	158
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	1,666
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	1,576
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	410
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	829
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	143
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	3,284
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	1,642
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	1,220
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	829
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	1,640
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	4,926
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	4,430
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	14,000
ZZZ	Washington av.	3d st.	South.	1	6	1,287	North.	1	2	1,287	North.	1	820	South.	1	835	145,756
Totals.						21,845			47,612			49,928			12,371		

The conduits used by the Telephone Exchange Co. are made of vitrified clay pipe, is rectangular in form and contains two (2) compartments into each of which six (6) cables are drawn. The Brush Electric Light Co. uses the Dorset conduit of the Minneapolis Electric Subway Co., which is made of an asphalt composition, but in making extensions of its underground system, the Brush company has used iron pipe. The Edison Light & Power Company, uses a cast-iron pipe containing three (3) wires. The Telephone and Brush companies distribute service connections from a pole in the center of the block. The Edison company can run a service connection underground from every joint of pipe directly to the house.

THURSDAY, WARE, D.

24th av. N	26th av.	Both.	6	180	895	1,024
Bradford av.	Oak lake av.	North.	6	27	27	
7th av. N	7th av.	Both.	9	911	313	
12th av.	Plymouth av.	East.	8	122	222	
30th av.	22d av.	Both.	8	448	1,629	
30th av. N	22d av.	Both.	6	334	1,072	
Aldrich av.	DuPont av.	Both.	6	385	901	883
20th av.	21st st.	Both.	13	585	1,093	1,478
River.	2d st.	Both.	12	163	114	307
30th av.	James av.	South.	38	389	389	448
30th av. N	Oliver av.	Both.	6	225	507	702
30th av. N	Glard av.	Both.	6	334	993	1,327
22d av.	Emerson av.	Both.	6	1,253	1,253	
22d av. N	Crystal lake av.	Both.	6	123	80	533
25d av.	Penn av.	Both.	6	560	390	929
30th av.	6th st.	Both.	6	795	409	409
34th av.	DuPont av.	Both.	6	200	905	
34th av. N	Hillside av.	Both.	6	167	489	647
25th av.	6th st.	Both.	6	826	533	
25th av. N	DuPont av.	Both.	6	133	167	
25th av. N	Freemont av.	North.	6	100	2,234	2,334
25th av. N	James av.	Both.	6	171	171	
25th av. N	Penn av.	Both.	18	195	35,231	46,520
Washington av.	14th av. N	East.	2 138	8,956		\$17,280 67

FOURTH WARD.

Aldrich av.	Western av.	6th av N.	Both.	908	908
Bryant av.	Western av.	6th av N.	Both.	1,400	1,400
Cedar Lake road	Western av.	Bassett Creek	East.	787	787
Colfax av.	Western av.	6th av N.	Both.	150	150
Douglas av.	Dupont av.	6th av N.	Both.	1,080	1,481
Dupont av.	Erie av.	Knox av.	North.	352	1,760
Dupont av.	Dupont av.	Superior av.	East.	370	318
Dupont av.	Douglas av.	Franklin av.	West.	634	688
Dupont av.	Ontario av.	Superior av.	West.	634	634
Erie av.	Hennepin av.	Dupont av.	South.	988	988
Erie av.	Lyndale av.	Dupont av.	South.	1,148	1,148
Forest av.	Lyndale av.	Groveland av.	Both.	574	574
Franklin av.	Hennepin av.	Dupont av.	North.	972	1,272
Franklin av.	Phillisbury av.	Dupont av.	North.	352	352
Franklin av.	Lyndale av.	Colfax av.	North.	100	100
Franklin av.	Lyndale av.	Colfax av.	North.	1,088	1,088
Franklin av.	Mt. Curve av.	Douglas av.	Both.	438	438
Fremont av.	Lyndale av.	Colfax av.	Both.	608	824
14th av N.	Lyndale av.	Colfax av.	Both.	632	632
14th av N.	Penn av.	Russell av.	South.	581	581
14th av N.	Morgan av.	Newton av.	Both.	581	581
15th av N.	Lyndale av.	Fremont av.	Both.	100	1,043
1st st.	1st av.	3d av.	East.	972	972

ANNUAL REPORT
CITY CLERK.

1891.

ANNUAL REPORT
OF
CHAS. F. HANEY, CITY CLERK
OF THE CITY OF MINNEAPOLIS, 1891.

CITY CLERK'S OFFICE.
MINNEAPOLIS, MINN., Jan. 1, 1892. }

To the Honorable City Council:

GENTLEMEN—I have the honor to submit herewith my third annual report as city clerk, for the fiscal year ending December 31st, 1891.

The receipts and disbursements of the office are shown in the following statement:

CHAS. F. HANEY, TO CITY OF MINNEAPOLIS,

DR.

To filing chattel mortgages, bills of sale, etc., 16,373 at 10 cts.....	\$1,637.30
Filing satisfactions, 2,620 at 10 cents.....	262.00
Duplicate dog tags, 215 at 20 cts.....	43.00
Applications for liquor licenses, 299 at \$1.....	299.00
Certified copies, plats and certificates.....	208.70
Council proceedings, sold volume 16, 1890, 1 at.....	2.00
Charter and ordinances, sold 8 sets at \$3.....	24.00
Plumbers' licenses, 81 at \$2.....	162.00
Male dog licenses, 5,135 at \$1.20.....	6,162.00
Female dog licenses, 493 at \$2.20.....	1,084.60
Witness fees to produce records in court.....	13.45
Total.....	\$9,888.05

CR.

By amount paid city treasurer Feb. 10, 1891.....	\$ 171.55
amount paid city treasurer March 13, 1891.....	126.00
amount paid city treasurer April 10, 1891.....	151.20
amount paid city treasurer May 2, 1891.....	219.20
amount paid city treasurer June 2, 1891.....	6,740.50
amount paid city treasurer July 3, 1891.....	1,246.60
amount paid city treasurer Aug. 5, 1891.....	374.80
amount paid city treasurer Sept. 11, 1891.....	207.90
amount paid city treasurer Oct. 3, 1891.....	179.50
amount paid city treasurer Nov. 9, 1891.....	203.90
amount paid city treasurer Dec. 5, 1891.....	189.60
amount paid city treasurer Dec. 31, 1891.....	177.30
Total.....	\$9,888.05

Respectfully submitted,
CHAS. F. HANEY, *City Clerk.*

TABLE No. 10.—Continued.

SEWERS CONSTRUCTED DURING THE SEASON OF 1891.

STREET.	FROM.	TO.	Size— Inches.	Kind	Shape.	Year of tax.	Length.	Cost.
3d av. S.....	29th st.....	33d st.....	24	Brick..	Egg...	1890	2,523.3	8,193.60
7th st. S.E.....	14th av.....	13th av.....	24	Brick..	Egg...	1890	23.7	981.60
7th st. S.E.....	3d av.....	5th av.....	12	Pipe...	Oval...	1890	322.8	2,380.43
7th st. S.E.....	7th av.....	285 ft. West.	15	Pipe...	Oval...	1890	882.3	775.60
3d st. N.....	10th av.....	15th av.....	30	Brick..	Egg...	1890	1,141.3	4,057.62
2d st. N.....	15th av.....	20th av.....	24	Brick..	Egg...	1890	1,813.6	5,973.70
Stevens av.....	Franklin av.....	22d st.....	12	Pipe...	Oval...	1890	602.7	1,253.62
Stevens av.....	24th st.....	22d st.....	12	Pipe...	Oval...	1890	664.4	1,524.10
Stevens av.....	32d st.....	33d st.....	15	Pipe...	Oval...	1890	658.9	1,550.15
3d st. N.E.....	Central av.....	Broadway st	Tunnel.			1891	4,550.0	10,068.73
3d st. N.E.....	15th av.....	22d av.....	36	Brick..	Egg...	1891	1,354.2	7,540.73
3d st. S.E.....	22d av.....	25th av.....	33	Brick..	Egg...	1891	1,131.0	6,505.34
Thomas pl.....	Elwood av.....	Logan av.....	24	Brick..	Egg...	1891	47.7	2,508.38
3d av. N (shaft)	Near 5th st.....		12	Pipe...	Oval...	1891	525	1,106.07
3d av. N.....	N. Mpls Tunnel	6th st.....	Shaft.			1891		3,593.92
3d av. S.....	27th st.....	26th st.....	36	Brick..	Egg...	1891	611.3	2,834.14
10th av. N.....	5th st.....	Bassett's c'k	24	Brick..	Egg...	1890	447.5	961.40
10th av. N.....	8th av.....	Bassett's c'k	12	Pipe...	Oval...	1890	301	1,221.34
22d st.....	14th av. S.....	15th av S.....	12	Brick..	Egg...	1890	398.7	710.10
24th st.....	Chicago av.....	Columb's av	12	Pipe...	Oval...	1890	22.7	621.54
24th st.....	Min'ehaha av	23d av S.....	24	Pipe...	Oval...	1890	271.4	1,083.37
24th st.....	33d av. S.....	23d av S.....	24	Brick..	Egg...	1890	253.9	34,288.07
Univ. av. N.E.....	Broadway st.	9th av.....	96	Brick..	Egg...	1890	637.6	2,890.37
Univ. av. N.E.....	9th av.....	8th av.....	24	Brick..	Egg...	1890	437.6	2,257.00
Univ. av. N.E.....	8th av.....	7th av.....	15	Pipe...	Oval...	1890	397.3	2,003.76
Vine place.....	14th st.....	Grant st.....	24	Pipe...	Oval...	1890	354.9	764.43
Vine place.....	15th st.....	14th st.....	15	Brick..	Egg...	1890	21.6	624.04
Vine place.....	19th st.....	Franklin av	12	Pipe...	Oval...	1890	400.1	1,385.04
Yale place.....	13th st.....	12th st.....	24	Brick..	Egg...	1890	129.7	1,193.74
Yale place.....	Spruce pl.....	13th st.....	15	Pipe...	Oval...	1890	488.4	1,188.60
Yale place.....	Willow st.....	Spruce pl.....	24	Brick..	Egg...	1890	391.2	1,051.29

LATERALS FOR WHICH NO ASSESSMENT IS MADE.

STREET.	FROM—	TO—	Size, Inches	Kind.	Shape.	L'gth.	Cost.
5th st.....	Center of Hen. av.	W'ly House line....	24	Brick..	Egg...	17.0	\$174.02
Dupont av.....	Hennepin av.	23d street.....	12	Pipe...	Oval...	35.8	469.46
Emerson av.....	E'ly House line....	W'ly H. L. on Hen. av	24	Brick..	Egg...	193.4	1,439.53
Girard av.....	Center Hen. av.....	W'ly H. L. on Hen..	33	Brick..	Egg...	225.2	195.23
Premont av.....	Center Hen. av.....	W'ly H. L. on Hen..	24	Brick..	Egg...	48.0	118.21
25th st.....	W. curb on Hen. av.	E. curb on Hen. av.	12	Pipe...	Oval...	45.0	1,164.38
Franklin av.....	Center of Hen. av.	W'st H. L. of Hen. av	60	Brick..	Egg...	95.9	194.00
Lincoln av.....	Center of Hen. av.	W. H. L. of Hen. av	24	Brick..	Egg...	74.4	86.88
Summit av.....	Center of Hen. av.	W. H. L. of Hen. av	12	Pipe...	Oval...	61.1	97.08
Douglas av.....	Center of Hen. av.	W. H. L. of Hen. av	12	Pipe...	Oval...	61.3	78.38
26th st.....	W. curb on Cedar av	E. curb on Cedar av	96	Pipe...	Oval...	60.0	497.00

MISCELLANEOUS.

9 catch basins on Dupont Av. at 4th, 5th and 6th Aves. N.....	\$399.56
Test holes on Adams street and Monroe street	93.15
Draining ponds at Western avenue and Dupont avenue	160.75
Draining Hoag lake	1,210.51
4th Street South tunnel, outfall extension.....	314.58
Old sewers	11,710.58
Sewers built in 1890	3,062.63
Sewer inspectors	5,402.48
Rents	446.28
Cement department inspection	1,939.93
Sewer, water and house connection inspection	4,080.45
Flushers	27.08
Machinery	2,783.99
Engineers (sewer department).....	14,250.68

Grand total.....miles, 13,708; feet, 72,381.3 \$349,908.55

SUMMARY OF TABLE NO. 10.

Size Inches.	Length Feet.
12.....	16,247.3
15.....	9,520.4
24.....	32,058.4
27.....	647.6
30.....	4,091.6
33.....	1,356.2
36.....	4,570.0
54.....	1,281.3
60.....	95.9
96.....	2,512.6
Total feet.....	72,381.3
Total miles.....	13.709

SUPPLEMENT.

HOUSE CONNECTION INSPECTION—SEWER AND WATER.

Number of sewer connections inspected.....	562
Number of water connections inspected.....	966
Number of water pipe extensions inspected.....	47
Number of repairs inspected.....	331
Total number of inspections.....	1,976
Number of square yards of cedar paving taken up.....	4,227
Number of square yards of granite paving taken up.....	354
Amount paid city for inspection.....	\$3,581.23
Amount paid city for repaving.....	1,540.80
Cost of inspection, inspector's pay rolls.....	\$4,080.45
Net cost to city of inspection.....	499.11

TABLE NO. 11.

SEWERS ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1891.

STREET—	FROM—	TO.	Kind.	Shape.	Size, inches.	Length, feet.	Amount of assessment.	Estimated cost.
Aldrich av. . . .	Plymouth av. . . .	14th av. N. . . .	Brick..	Egg . . .	24	386	\$850.95	\$1,473.98
Bryant av. . . .	Eight av. N. . . .	11th av. N. . . .	Brick..	Egg . . .	24	955	2,649.30	3,018.27
Bryant av. . . .	Plymouth av. . . .	18th av. N. . . .	Brick..	Egg . . .	24	1,970		
Bryant av. . . .	18th av. N. . . .	20th av. N. . . .	Pipe ..	Oval . . .	12	604	6,330.15	8,172.65
Blaisdell av. . . .	26th street	24th street	Brick..	Egg . . .	24	1,305	5,261.67	5,503.70
Blaisdell av. . . .	24th street	22nd street	Pipe ..	Oval . . .	15	653		
*Chicago av. . . .	14th street	15th street	Pipe ..	Oval . . .	12	265	578.88	563.85
*Chicago av. . . .	Franklin av. . . .	24th street	Brick..	Egg . . .	24	1,327	2,982.11	3,660.07
*Chicago av. . . .	24th street	26th street	Pipe ..	Oval . . .	15	1,244	3,270.42	2,814.02
*Chicago av. . . .	Lake street	36th street	Brick..	Egg . . .	24	5,092	10,077.37	15,057.59
*Cedar av. . . .	Seventh st. . . .	Franklin av. . . .	Brick..	Egg . . .	24	1,312	2,093.38	3,862.49
*Cedar av. . . .	22nd st. . . .	34th street	Brick..	Egg . . .	36	7,052	17,742.48	25,212.18
Chestnut av. . . .	Lyndale av. . . .	17th street	Brick..	Egg . . .	24	265		
Chestnut av. . . .	17th street	15th street	Pipe ..	Oval . . .	15	720	3,721.50	3,742.05
Chestnut av. . . .	15th street	12th street	Pipe ..	Oval . . .	12	620		
11th av. N. . . .	Lyndale av. . . .	Dupont av. . . .	Pipe ..	Oval . . .	12	1,029	2,552.55	2,512.04
Eighteenth st. . . .	Columbus av. . . .	Chicago av. . . .	Pipe ..	Oval . . .	15	345	896.88	924.04
Fulton st. . . .	Harvard st. . . .	Oak street	Pipe ..	Oval . . .	12	762	1,819.13	2,040.05
First av. S. . . .	17th street	18th street	Brick..	Egg . . .	24	348		
First av. S. . . .	18th street	19th street	Pipe ..	Oval . . .	15	460	5,131.50	4,502.68
First av. S. . . .	19th street	22nd street	Pipe ..	Oval . . .	12	1,062		
First av. S. . . .	32nd street	3rd street	Brick..	Egg . . .	24	659	1,765.50	2,088.51
Fourth st. N. . . .	20th avenue	21st av. . . .	Brick..	Egg . . .	24	403	744.00	1,131.41
4th st. N. E. . . .	Central av. . . .	First av. . . .	Pipe ..	Oval . . .	12	391	849.00	2,025.00
Fourth st. S. . . .	14th avenue	15th av. . . .	Pipe ..	Oval . . .	15	405		
Fourth st. S. . . .	14th avenue	13th av. . . .	Pipe ..	Oval . . .	12	360	1,066.50	2,233.77
Fifth av. S. . . .	25th street	27th st. . . .	Brick..	Egg . . .	24	1,236	3,344.04	3,855.88
Fifth st. N. . . .	14th avenue	15th av. . . .	Brick..	Egg . . .	24	389	908.70	1,172.63
Fifth st. N. . . .	2nd avenue	3rd av. . . .	Pipe ..	Oval . . .	15	401		
Fifth st. N. . . .	First avenue	2nd av. . . .	Pipe ..	Oval . . .	12	360	1,683.00	2,127.47
*Huron av. . . .	Lyndale av. . . .	Hennepin av. . . .	Brick..	Egg . . .	42	313	475.50	1,603.17
*Hennepin av. . . .	Mt. Curve av. . . .	Franklin av. . . .	Brick..	Egg . . .	24	1,513	3,356.25	3,922.95
*Hennepin av. . . .	Franklin av. . . .	27th st. . . .	Brick..	Egg . . .	30	3,508	8,171.55	9,889.56
*Hennepin av. . . .	27th street	28th st. . . .	Pipe ..	Oval . . .	15	665		
*Hennepin av. . . .	28th street	Lake st. . . .	Pipe ..	Oval . . .	12	1,123	6,830.33	7,500.00
*Hennepin av. . . .	Lake street	31st st. . . .	Pipe ..	Oval . . .	15	643		
*James av. . . .	Elwood av. . . .	Alley in blk. 15	Pipe ..	Oval . . .	12	119	261.15	300.00
James av. . . .	Western av. . . .	5th av. N. . . .	Pipe ..	Oval . . .	15	637	1,181.40	2,703.26
Linden av. . . .	Lyndale av. . . .	17th st. . . .	Pipe ..	Oval . . .	15	274	1,350.00	1,779.12
Linden av. . . .	17th street	16th st. . . .	Pipe ..	Oval . . .	12	320		
Lyndale av. . . .	Chestnut av. . . .	Erle av. . . .	Brick..	Egg . . .	24	1,800	3,839.25	7,265.31
Lyndale av. . . .	8th av. N. . . .	Plymouth av. . . .	Brick..	Egg . . .	54	2,026		
Lyndale av. . . .	Plymouth av. . . .	15th av. N. . . .	Brick..	Egg . . .	51	792		
Lyndale av. . . .	15th av. N. . . .	18th av. N. . . .	Brick..	Egg . . .	42	1,182	11,586.68	31,920.25
Lyndale av. . . .	18th av. N. . . .	20th av. N. . . .	Brick..	Egg . . .	36	664		
Madison st. . . .	3rd av. N. E. . . .	Spring st. . . .	Brick..	Egg . . .	24	849	2,022.89	5,094.41
19th street	Portland av. . . .	Park av. . . .	Pipe ..	Oval . . .	12	500	1,315.88	1,340.30
Spruce Place. . . .	Yale Place	Harmon Place	Pipe ..	Oval . . .	12	341	619.50	719.38
2nd st. N. E. . . .	Central av. . . .	Broadway st. . . .	Tun'l. . . .			4,550	10,894.13	26,299.85
2nd st. N. E. . . .	18th av. . . .	25th av. . . .	Brick..	Egg . . .	36	2,480	6,055.72	14,300.00
7th st. S. E. . . .	10th av. . . .	12th av. . . .	Brick..	Egg . . .	24	810	1,807.87	2,975.30

*Built in 1890. †Built in 1891. ‡Built in 1891, partly.

ANNUAL REPORT OF THE REGISTRAR OF WATER WORKS.

MINNEAPOLIS, January 1st, 1892.

To The Honorable City Council of the City of Minneapolis:

GENTLEMEN: I herewith submit the annual report of the Registrar of Water Works for the year ending December 31st, 1891. For detailed statements of receipts and disbursements, covering the year, I take pleasure in referring you to the following tables.

Yours Respectfully,

FRANK T. MOODY, *Registrar Water Works.*

TABLE NO. 1.

*Showing the Receipts and Disbursements of the Water Department for the Year
Ending December 31st, 1891.*

Receipts.

Balance to credit Water Works fund, January 1, 1891.....	\$70,854.41
Water rents, penalties, etc.....	178,651.69
Water main assessments, interest and penalties.....	93,368.57
Water main advances.....	2,269.50
Miscellaneous.....	1,055.11
	\$346,199.28

Disbursements.

New extensions.....	\$203,010.41
General maintenance.....	87,871.85
Engineer's certificates.....	14,215.30
Water main advances (repayments).....	7,182.20
Water meters.....	4,907.28
Permanent improvements, other than new lines of pipe.....	5,698.20
Extension material, (pipe, hydrants, valves, leads, etc.).....	10,016.31
Miscellaneous.....	845.42
Balance to credit Water Works fund January 1, 1892.....	12,452.31
	\$346,199.28
Bonded debt of city on account Water works.....	\$1,235,000.00
Average rate of interest.....	4.37 per cent.

TABLE NO. 2.

*Showing Comparison of Receipts for Water Rents, Penalties, etc., from 1871 to
January 1, 1891, inclusive.*

1871.....	\$2,406.82	1881.....	\$27,450.83
1872.....	2,795.00	1882.....	39,769.80
1873.....	3,421.96	1883.....	69,061.62
1874.....	4,685.27	1884.....	84,115.04
1875.....	3,029.95	1885.....	101,455.21
1876.....	6,521.16	1886.....	115,268.50
1877.....	10,225.75	1887.....	137,178.34
1878.....	12,402.94	1888.....	133,171.93
1879.....	15,926.05	1889.....	157,514.22
1880.....	20,818.51	1890.....	172,509.74
		1891.....	178,651.69

TABLE No. 12.

GRADING DONE BY CONTRACT IN 1901.

STREET.	FROM.	TO.	WARD.	Price per cubic yd.	Cubic yards.	Cost.	Name of Contractor
Stock Yards road.....	Broadway street.	City limits.....	9	.16	25,767	\$4,122.72	Gorman & Peterson.
Thirty-second av. N....	Penn avenue.....	Crystal lake avenue.....	10	.19	3,614	686.66	Canney Bros.
					29,381	\$4,809.38	

TABLE NO. 13.
SIDEWALKS LAID DURING THE SEASON OF 1901.

The whole cost of sidewalks is assessed to abutting property. Property owners are allowed to lay their own walks, subject to the inspection of this department. Men are employed and paid by the lineal foot to lay plank walks not laid by the owners. Stone walks laid by the city are laid by contract.

FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost.
4th st. N. E.	13th av.	18th av.	West.	6				1,371	1,371	
4th st. N. E.	18th av.	20th	Both.	6				1,168	1,168	
5th st. N. E.	1st av.	2nd av.	West.	6	132				132	
Island av.	North of G. N. Ry.		Inland.	6	1,756	100			1,856	
Marshall st.	8th av. N. E.	13th av. N. E.	East.	6	1,392	334			1,726	
Marshall st.	22d av. N. E.	24th av. N. E.	Both.	6			341		3,223	
2d st. N. E.	13th av.	25th av.	Both.	6			287	2,528	2,795	
University av. N. E.	Central av.	5th av.	Both.	6	76				76	
University av. N. E.	6th av.	7th av.	Both.	6	340				340	
University av. N. E.	18th av.	20th av.	Both.	6				1,245	1,245	
					2,636	434	608	9,204	13,942	\$6,149.00

SECOND WARD.

Beacon st.	Pleasant st.	Union st.	6	6	1,074	148	1,074
Delaware st.	Oak st.	Church st.	6	6	358	183	506
11th av. S. E.	6th st.	7th st.	6	6	225		358
4th av. S. E.	4th st.	5th st.	6	6			218
4th st. S. E.	2nd av.	3rd av.	6	6	358		66
4th st. S. E.	7th av.	6th av.	6	6	218		212
4th st. S. E.	8th av.	8th av.	6	6	66		358
4th st. S. E.	10th av.	9th av.	6	6	278		504
4th st. S. E.	10th av.	11th av.	6	6	358		243
4th st. S. E.	11th av.	12th av.	6	6	504		146
4th st. S. E.	12th av.	13th av.	6	6	146		294
4th st. S. E.	13th av.	14th av.	6	6	284		218
4th st. S. E.	14th av.	15th av.	6	6	218		358
4th st. S. E.	15th av.	16th av.	6	6	464		734
4th st. S. E.	16th av.	17th av.	6	6	270		410
4th st. S. E.	17th av.	18th av.	6	6	210		335
4th st. S. E.	18th av.	19th av.	6	6	185		179
4th st. S. E.	19th av.	20th av.	6	6	165		344
4th st. S. E.	20th av.	21st av.	6	6	90		200
4th st. S. E.	21st av.	22nd av.	6	6	120		202
4th st. S. E.	22nd av.	23rd av.	6	6	120		636
4th st. S. E.	23rd av.	24th av.	6	6	895		895
4th st. S. E.	24th av.	25th av.	6	6	300		1,323
4th st. S. E.	25th av.	26th av.	6	6	537		1,150
4th st. S. E.	26th av.	27th av.	6	6	350		350
4th st. S. E.	27th av.	28th av.	6	6	782		782
4th st. S. E.	28th av.	29th av.	6	6	464		464
4th st. S. E.	29th av.	30th av.	6	6	120		130
4th st. S. E.	30th av.	31st av.	6	6	142		247
4th st. S. E.	31st av.	32nd av.	6	6	448		224
4th st. S. E.	32nd av.	33rd av.	6	6	183		142
4th st. S. E.	33rd av.	34th av.	6	6	380		448
4th st. S. E.	34th av.	35th av.	6	6	40		183
4th st. S. E.	35th av.	36th av.	6	6	204		244
4th st. S. E.	36th av.	37th av.	6	6	564		716
4th st. S. E.	37th av.	38th av.	6	6			358
4th st. S. E.	38th av.	39th av.	6	6			
4th st. S. E.	39th av.	40th av.	6	6			
4th st. S. E.	40th av.	41st av.	6	6			
4th st. S. E.	41st av.	42nd av.	6	6			
4th st. S. E.	42nd av.	43rd av.	6	6			
4th st. S. E.	43rd av.	44th av.	6	6			
4th st. S. E.	44th av.	45th av.	6	6			
4th st. S. E.	45th av.	46th av.	6	6			
4th st. S. E.	46th av.	47th av.	6	6			
4th st. S. E.	47th av.	48th av.	6	6			
4th st. S. E.	48th av.	49th av.	6	6			
4th st. S. E.	49th av.	50th av.	6	6			
4th st. S. E.	50th av.	51st av.	6	6			
4th st. S. E.	51st av.	52nd av.	6	6			
4th st. S. E.	52nd av.	53rd av.	6	6			
4th st. S. E.	53rd av.	54th av.	6	6			
4th st. S. E.	54th av.	55th av.	6	6			
4th st. S. E.	55th av.	56th av.	6	6			
4th st. S. E.	56th av.	57th av.	6	6			
4th st. S. E.	57th av.	58th av.	6	6			
4th st. S. E.	58th av.	59th av.	6	6			
4th st. S. E.	59th av.	60th av.	6	6			
4th st. S. E.	60th av.	61st av.	6	6			
4th st. S. E.	61st av.	62nd av.	6	6			
4th st. S. E.	62nd av.	63rd av.	6	6			
4th st. S. E.	63rd av.	64th av.	6	6			
4th st. S. E.	64th av.	65th av.	6	6			
4th st. S. E.	65th av.	66th av.	6	6			
4th st. S. E.	66th av.	67th av.	6	6			
4th st. S. E.	67th av.	68th av.	6	6			
4th st. S. E.	68th av.	69th av.	6	6			
4th st. S. E.	69th av.	70th av.	6	6			
4th st. S. E.	70th av.	71st av.	6	6			
4th st. S. E.	71st av.	72nd av.	6	6			
4th st. S. E.	72nd av.	73rd av.	6	6			
4th st. S. E.	73rd av.	74th av.	6	6			
4th st. S. E.	74th av.	75th av.	6	6			
4th st. S. E.	75th av.	76th av.	6	6			
4th st. S. E.	76th av.	77th av.	6	6			
4th st. S. E.	77th av.	78th av.	6	6			
4th st. S. E.	78th av.	79th av.	6	6			
4th st. S. E.	79th av.	80th av.	6	6			
4th st. S. E.	80th av.	81st av.	6	6			
4th st. S. E.	81st av.	82nd av.	6	6			
4th st. S. E.	82nd av.	83rd av.	6	6			
4th st. S. E.	83rd av.	84th av.	6	6			
4th st. S. E.	84th av.	85th av.	6	6			
4th st. S. E.	85th av.	86th av.	6	6			
4th st. S. E.	86th av.	87th av.	6	6			
4th st. S. E.	87th av.	88th av.	6	6			
4th st. S. E.	88th av.	89th av.	6	6			
4th st. S. E.	89th av.	90th av.	6	6			
4th st. S. E.	90th av.	91st av.	6	6			
4th st. S. E.	91st av.	92nd av.	6	6			
4th st. S. E.	92nd av.	93rd av.	6	6			
4th st. S. E.	93rd av.	94th av.	6	6			
4th st. S. E.	94th av.	95th av.	6	6			
4th st. S. E.	95th av.	96th av.	6	6			
4th st. S. E.	96th av.	97th av.	6	6			
4th st. S. E.	97th av.	98th av.	6	6			
4th st. S. E.	98th av.	99th av.	6	6			
4th st. S. E.	99th av.	100th av.	6	6			
4th st. S. E.	100th av.	101st av.	6	6			
4th st. S. E.	101st av.	102nd av.	6	6			
4th st. S. E.	102nd av.	103rd av.	6	6			
4th st. S. E.	103rd av.	104th av.	6	6			
4th st. S. E.	104th av.	105th av.	6	6			
4th st. S. E.	105th av.	106th av.	6	6			
4th st. S. E.	106th av.	107th av.	6	6			
4th st. S. E.	107th av.	108th av.	6	6			
4th st. S. E.	108th av.	109th av.	6	6			
4th st. S. E.	109th av.	110th av.	6	6			
4th st. S. E.	110th av.	111th av.	6	6			
4th st. S. E.	111th av.	112th av.	6	6			
4th st. S. E.	112th av.	113th av.	6	6			
4th st. S. E.	113th av.	114th av.	6	6			
4th st. S. E.	114th av.	115th av.	6	6			
4th st. S. E.	115th av.	116th av.	6	6			
4th st. S. E.	116th av.	117th av.	6	6			
4th st. S. E.	117th av.	118th av.	6	6			
4th st. S. E.	118th av.	119th av.	6	6			
4th st. S. E.	119th av.	120th av.	6	6			
4th st. S. E.	120th av.	121st av.	6	6			
4th st. S. E.	121st av.	122nd av.	6	6			
4th st. S. E.	122nd av.	123rd av.	6	6			
4th st. S. E.	123rd av.	124th av.	6	6			
4th st. S. E.	124th av.	125th av.	6	6			
4th st. S. E.	125th av.	126th av.	6	6			
4th st. S. E.	126th av.	127th av.	6	6			
4th st. S. E.	127th av.	128th av.	6	6			
4th st. S. E.	128th av.	129th av.	6	6			
4th st. S. E.	129th av.	130th av.	6	6			
4th st. S. E.	130th av.	131st av.	6	6			
4th st. S. E.	131st av.	132nd av.	6	6			
4th st. S. E.	132nd av.	133rd av.	6	6			
4th st. S. E.	133rd av.	134th av.	6	6			
4th st. S. E.	134th av.	135th av.	6	6			
4th st. S. E.	135th av.	136th av.	6	6			
4th st. S. E.	136th av.	137th av.	6	6			
4th st. S. E.	137th av.	138th av.	6	6			
4th st. S. E.	138th av.	139th av.	6	6			
4th st. S. E.	139th av.	140th av.	6	6			
4th st. S. E.	140th av.	141st av.	6	6			
4th st. S. E.	141st av.	142nd av.	6	6			
4th st. S. E.	142nd av.	143rd av.	6	6			
4th st. S. E.	143rd av.	144th av.	6	6			
4th st. S. E.	144th av.	145th av.	6	6			
4th st. S. E.	145th av.	146th av.	6	6			
4th st. S. E.	146th av.	147th av.	6	6			
4th st. S. E.	147th av.	148th av.	6	6			
4th st. S. E.	148th av.	149th av.	6	6			
4th st. S. E.	149th av.	150th av.	6	6			
4th st. S. E.	150th av.	151st av.	6	6			
4th st. S. E.	151st av.	152nd av.	6	6			
4th st. S. E.	152nd av.	153rd av.	6	6			
4th st. S. E.	153rd av.	154th av.	6	6			
4th st. S. E.	154th av.	155th av.	6	6			
4th st. S. E.	155th av.	156th av.	6	6			
4th st. S. E.	156th av.	157th av.	6	6			
4th st. S. E.	157th av.	158th av.	6	6			
4th st. S. E.	158th av.	159th av.	6	6			
4th st. S. E.	159th av.	160th av.	6	6			
4th st. S. E.	160th av.	161st av.	6	6			
4th st. S. E.	161st av.	162nd av.	6	6			
4th st. S. E.	162nd av.	163rd av.	6	6			
4th st. S. E.	163rd av.	164th av.	6	6			
4th st. S. E.	164th av.	165th av.	6	6			
4th st. S. E.	165th av.	166th av.	6	6			
4th st. S. E.	166th av.	167th av.	6	6			
4th st. S. E.	167th av.	168th av.	6	6			
4th st. S. E.	168th av.	169th av.	6	6			
4th st. S. E.	169th av.	170th av.	6	6			
4th st. S. E.	170th av.	171st av.	6	6			
4th st. S. E.	171st av.	172nd av.	6	6			
4th st. S. E.	172nd av.	173rd av.	6	6			
4th st. S. E.	173rd av.	174th av.	6	6			
4th st. S. E.	174th av.	175th av.	6	6			
4th st. S. E.	175th av.	176th av.	6	6			
4th st. S. E.	176th av.	177th av.	6	6			
4th st. S. E.	177th av.	178th av.	6	6			
4th st. S. E.	178th av.	179th av.	6	6			
4th st. S. E.	179th av.	180th av.	6	6			
4th st. S. E.	180th av.	181st av.	6	6			
4th st. S. E.	181st av.	182nd av.	6	6			
4th st. S. E.	182nd av.	183rd av.	6	6			
4th st. S. E.	183rd av.	184th av.	6	6			
4th st. S. E.	184th av.	185th av.	6	6			
4th st. S. E.	185th av.	186th av.	6	6			
4th st. S. E.	186th av.	187th av.	6	6			
4th st. S. E.	187th av.	188th av.	6	6			
4th st. S. E.	188th av.	189th av.	6	6			
4th st. S. E.	189th av.	190th av.	6	6			
4th st. S. E.	190th av.	191st av.	6	6			
4th st. S. E.	191st av.	192nd av.	6	6			
4th st. S. E.	192nd av.	193rd av.	6	6			
4th st. S. E.	193rd av.	194th av.	6	6			
4th st. S. E.	194th av.	195th av.	6	6			
4th st. S. E.	195th av.	196th av.	6	6			
4th st. S. E.	196th av.	197th av.	6	6			
4th st. S. E.	197th av.	198th av.	6	6			
4th st. S. E.	198th av.						

THIRD WARD.

64th st. N.	24th av.	Both.	0	0	189	835	1,024
7th av. N.	Bradford av.	North.	0	0	0	97	97
7th st. N.	6th av.	Both.	0	214	0	313	313
12d st. N.	12th av.	East.	8	8	0	122	122
12d st. N.	20th av.	Both.	0	122	0	1,030	1,030
12d st. N.	23d av.	Both.	0	0	448	1,072	835
12th av. N.	Aldrich av.	Both.	0	334	0	501	835
20th av. N.	DuPont av.	Both.	0	0	385	1,093	1,478
20th av. N.	2d st.	Both.	0	0	193	114	307
20th av. N.	3d st.	Both.	0	0	38	309	448
20th av. N.	James av.	South.	12	0	235	907	1,02
20th av. N.	Crystal lake av.	Both.	0	0	0	1,027	1,027
21st av. N.	Oliver av.	Both.	0	0	354	1,263	1,033
22d av. N.	Emerson av.	Both.	0	0	0	360	420
23d av. N.	Crystal lake av.	Both.	0	0	125	323	323
24th av. N.	6th st.	Both.	0	0	560	420	420
24th av. N.	7th st.	Both.	0	0	409	409	409
24th av. N.	Hillside av.	Both.	0	0	300	995	995
25th av. N.	Logan av.	Both.	0	0	735	647	647
25th av. N.	DuPont av.	Both.	0	0	167	480	839
25th av. N.	Fremont av.	North.	6	123	0	2,244	2,334
25th av. N.	James av.	Both.	0	0	100	171	171
25th av. N.	Logan av.	Both.	0	0	0	0	0
25th av. N.	Penn av.	East.	18	171	0	0	0
Washington av.	14th av. N.	Both.	0	0	0	0	0
			2 138	195	8,956	35,231	46,520
							\$17,280 67

FOURTH WARD.

Aldrich av.	Western av.	6th av N.	Both.	908	908
Bryant av.	Western av.	6th av N.	Both.	787	1,409
Cedar Lake road	Western av.	Bassett Creek	East.	150	150
Colfax av.	Western av.	6th av N.	Both.	1,089	1,481
Douglas av.	Dupont av.	Knox av.	North.	352	1,706
Dupont av.	Erle av.	Superior av.	East.	370	688
Dupont av.	Douglas av.	Franklin av.	West.	634	634
Dupont av.	Ontario av.	Superior av.	West.	688	688
Erle av.	Hennepin av.	Dupont av.	South.	1,148	1,148
Erle av.	Lyndale av.	Dupont av.	North.	574	574
Forest av.	Lyndale av.	Groveland av.	Both.	300	1,272
Franklin av.	Hennepin av.	Dupont av.	North.	352	352
Franklin av.	Pillsbury av.	Dupont av.	North.	100	100
Franklin av.	Lyndale av.	Colfax av.	North.	1,088	1,088
Franklin av.	Lyndale av.	Douglas av.	Both.	438	438
Franklin av.	Mt. Curve av.	Colfax av.	Both.	824	824
Franklin av.	Lyndale av.	Russell av.	South.	632	632
Franklin av.	Penn. av.	Newton av.	Both.	581	581
Franklin av.	Lyndale av.	Frement av.	Both.	100	1,043
Franklin av.	Lyndale av.	3d av.	East.	972	972

REGISTRAR OF WATER WORKS REPORT.

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May 19.	Rent tool house for June, 1891.....	\$125.00
	Balsin85
	One fork.....	.60
	Sprinkling cans.....	.95
	Saw.....	1.00
	Oats.....	110.00
	Pay roll, May, 1891.....	648.91
June 23.	Repairing wagon.....	7.00
	Five gallons oil.....	.45
	Tapping machine and fixtures.....	130.75
	Lumber.....	36.50
	Lumber.....	120.00
	Repairing hydrants.....	13.81
	Bolts.....	.15
	Bolts.....	.42
	Hauling away ashes and rubbish.....	.75
	Rent of tool house, July, 1891.....	125.00
	Supplies	3.95
	Wire cloth, etc.....	2.35
	Telephone for May, 1891.....	6.00
	Telephone for June, 1891.....	6.00
	Gas in May, 1891.....	2.56
	Pay roll for June, 1891.....	1,193.03
	Transmitter on telephone.....	2.50
	Ice to July 1. at tool house.....	6.75
July 24.	Packing.....	2.10
	Rent of tool house, August, 1891.....	125.00
	Ells and unions.....	4.32
	Glass and paints.....	1.50
	Material.....	3.75
	3,140 pounds hay.....	14.91
	Telephone for July, 1891.....	6.00
	Pay roll for July, 1891.....	1,026.66
	Axle grease.....	2.70
Aug. 25.	110 bushel oats.....	46.20
	Repairs on scraper.....	1.75
	Ice for tool house, July, 1891.....	3.75
	Ratchet, etc.....	23.85
	Gas for June, 1891.....	1.92
	Gas for July, 1891.....	1.76
	Telephone for August, 1891.....	6.00
	Jack screws.....	.53
	Rent of tool house, September, 1891.....	125.00
	Hardware.....	2.33
	Pay roll, August, 1891.....	1,122.16
	Material.....	16.90
Sept. 21.	Repairs.....	3.50
	Ice for tool house, August, 1891.....	3.75
	Telephone for August, 1891.....	6.00
	Labor and material.....	1.50
	Gas for August, 1891.....	2.24
	Pay roll, September, 1891.....	984.77
	Material.....	14.29
	Directory.....	5.00
	Rent tool house, October, 1891.....	125.00
	Shaft and cross-bar.....	2.35
	Feed and hay.....	183.84
	Ice for September.....	3.75
Oct. 25.	Lamp bracket.....	.14
	Gas for September, 1891.....	3.04
	Gas for October, 1891.....	5.28
	Telephone for September, 1891.....	3.00
	Telephone for October, 1891.....	6.00
	Rent of tool house for November, 1891.....	125.00
	Printing 1,000 turn on blanks.....	4.00
	Paint and brush.....	1.65
	Pay roll for October, 1891.....	1,397.66
	Material.....	2.10
Nov. 24.	Material.....	3.25
	"Lowering pipe" coal.....	3.50
	Coal.....	16.00
	Rubber boots.....	7.00
	Rubber boots.....	7.00
	Blacksmithing.....	31.45
	Rent tool house December, 1891.....	125.00
Dec. 15.	Repairing harness.....	4.50
	Belt punch, etc.....	2.20
	Boarding five horses.....	22.50
	Material.....	23.50
	Gas for November, 1891.....	6.56
	Telephone for November, 1891.....	6.00
	Pay roll for December, 1891.....	1,159.91
	Pay roll for November, 1891.....	1,069.64
	Telephone for July and September, 1891.....	6.00
	Oil, etc.....	6.45
Total.....		\$15,310.97

FIFTH WARD.

Address	Block	Lot	Area	Value	Assessment
8th av. S.	3d st.	4th st.	East	130	190
8th av. S.	7th st.	8th st.	East	341	341
8th av. S.	9th st.	10th st.	South	276	276
8th av. S.	11th st.	12th st.	North	297	297
8th av. S.	13th st.	14th st.	North	50	150
8th av. S.	15th st.	16th st.	North	42	42
8th av. S.	17th st.	18th st.	North	114	114
8th av. S.	19th st.	20th st.	South	60	60
8th av. S.	21st st.	22nd st.	East	204	204
8th av. S.	23rd st.	24th st.	Both	171	171
8th av. S.	25th st.	26th st.	East	33	33
8th av. S.	27th st.	28th st.	South	217	217
8th av. S.	29th st.	30th st.	North	66	66
8th av. S.	31st st.	32nd st.	South	179	179
8th av. S.	33rd st.	34th st.	South	150	150
8th av. S.	35th st.	36th st.	South	334	334
8th av. S.	37th st.	38th st.	South	138	138
8th av. S.	39th st.	40th st.	North	104	104
8th av. S.	41st st.	42nd st.	North	318	318
8th av. S.	43rd st.	44th st.	Both	125	125
8th av. S.	45th st.	46th st.	East	60	60
8th av. S.	47th st.	48th st.	Both	55	55
8th av. S.	49th st.	50th st.	East	118	118
8th av. S.	51st st.	52nd st.	North	108	108
8th av. S.	53rd st.	54th st.	South	137	137
8th av. S.	55th st.	56th st.	South	260	260
8th av. S.	57th st.	58th st.	South	139	139
8th av. S.	59th st.	60th st.	West	249	249
8th av. S.	61st st.	62nd st.	East	421	421
8th av. S.	63rd st.	64th st.	North	218	218
8th av. S.	65th st.	66th st.	North	255	255
8th av. S.	67th st.	68th st.	North	464	464
8th av. S.	69th st.	70th st.	South	146	146
8th av. S.	71st st.	72nd st.	South	134	134
8th av. S.	73rd st.	74th st.	South	45	45
8th av. S.	75th st.	76th st.	South	181	181
8th av. S.	77th st.	78th st.	East	100	100
8th av. S.	79th st.	80th st.	East	101	101
8th av. S.	81st st.	82nd st.	West	179	179
8th av. S.	83rd st.	84th st.	West	179	179
8th av. S.	85th st.	86th st.	West	76	76
8th av. S.	87th st.	88th st.	Both	422	422
8th av. S.	89th st.	90th st.	Both	140	140
8th av. S.	91st st.	92nd st.	North	196	196
8th av. S.	93rd st.	94th st.	South	106	106
8th av. S.	95th st.	96th st.	South	2848	2848
8th av. S.	97th st.	98th st.	South	66	66
8th av. S.	99th st.	100th st.	South	1010	1010
8th av. S.	101st st.	102nd st.	South	4068	4068
8th av. S.	103rd st.	104th st.	South	9889	9889

TABLE NO. 13.—Continued.
SIXTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Cedar av.	3d st.	6th st.	West...	6	75				75	
Cedar av.	6th st.	7th st.	Both.	15	80		40	66	186	
11th av. S.	4th st.	6th st.	East.	8	140			170	350	
18th av. S.	Cedar av.	7th st.	Both.	8			155	64	219	
4th st. S.	10th av.	12th av.	South.	8	122				122	
4th st. S.	12th av.	13th av.	Both.	8				507	507	
5th st. S.	10th av.	11th av.	North.	8				55	55	
5th st. S.	12th av.	13th av.	Both.	8				28	28	
5th st. S.	14th av.	15th av.	Both.	8				181	181	
5th st. S.	16th av.	17th av.	Both.	8				165	165	
5th st. S.	18th av.	19th av.	North.	8				268	268	
5th st. S.	Riverside av.	22d av.	North.	8			104	58	162	
15th av. S.	Railroad	7th st.	East.	8			253		253	
19th av. S.	Bluff st.	2d st.	Both.	8	101		170		280	
19th av. S.	2½ st.	3d st.	Both.	8				143	143	
19th av. S.	4th st.	5th st.	Both.	8	179				179	
19th av. S.	6th st.	7th st.	West.	8	130		328		1,578	
Riverside av.	Cedar av.	7th st.	Both.	14			346	1,111	577	
2d st. S.	13th av.	14th av.	Both.	8				231	35	
6th st. S.	15th av.	16th av.	South.	8				112	470	
6th st. S.	Cedar av.	19th av.	Both.	8			358	66	66	
6th st. S.	19th av.	20th av.	Both.	8				99	99	
7th st. S.	20th av.	21st av.	Both.	8					60	
7th st. S.	11th av.	12th av.	North.	8			69		486	
7th st. S.	14th av.	15th av.	North.	8			235	191	191	
7th st. S.	Cedar av.	18th av.	North.	8				198	198	
7th st. S.	Riverside av.	22d av.	North.	8			181	410	591	
16th av. S.	5th st.	6th st.	Both.	8				350	529	
17th av. S.	7th st.	8th st.	Both.	8	179		71	40	111	
2½ st. S.	Cedar av.	19th av.	Both.	8			146	108	410	
3d st. S.	14th av.	16th av.	Both.	8	66			54	54	
13th av. S.	Wash av.	3d st.	East.	8				251	251	
13th av. S.	4th st.	5th st.	Both.	8			171	178	446	
13th av. S.	5th st.	6th st.	Both.	8	97				402	
13th av. S.	3d st.	4th st.	Both.	8	223		170	334	401	
13th av. S.	4th st.	5th st.	Both.	8			97	58	195	
20th av. S.	6th st.	7th st.	West.	8						

SIXTH WARD.

22d av. S.	Riverside av.	7th st.	West.	8	128	128
23d av. S.	6th st.	7th st.	Both	8	184	184
24th av. S.	6th st.	7th st.	Both	8	626	626
25th av. S.	6th st.	7th st.	Both	8	220	220
26th av. S.	6th st.	7th st.	Both	8	304	304
				1,441	3,064	11,763
					6,383	96,310.54

SEVENTH WARD.

Chicago av.	Lake st.	24th st.	East.	6	244	404
19th av. S.	24th st.	28th st.	Both	6	1,832	3,596
Lake st.	Bloomington av.	18th av. S.	Both	8	1,074	1,074
Minnehaha av.	24th st.	28th st.	East	8	1,901	1,901
15th av. S.	24th st.	28th st.	Both	6	234	580
16th av. S.	Lake st.	28th st.	Both	6	1,802	2,097
22d av. S.	Lake st.	Lake st.	Both	6	1,030	1,170
23d av. S.	Chicago av.	23d st.	Both	6	1,080	1,080
24th st.	11th av. S.	11th av. S.	Both	8	280	300
25th st.	13th av. S.	13th av. S.	Both	8	92	982
26th st.	Minnehaha av.	22d av. S.	Both	8	915	1,045
27th st.	12th av. S.	14th av. S.	Both	8	502	582
28th st.	14th av. S.	18th av. S.	Both	8	538	538
31st st.	Cedar av.	18th av. S.	Both	8	187	187
33d st.	18th av. S.	Cedar av.	Both	8	187	187
				3,103	9,324	15,876
					3,449	4,135.06

EIGHTH WARD.

Aldrich av.	Franklin av.	22d st.	West.	6	76	76
Bryant av.	28th st.	27th st.	Both	6	365	1,171
Bladell av.	31st st.	32d st.	West	8	582	582
Chicago av.	Lake st.	34th st.	West	6	1,416	2,218
Clinton av.	24th st.	25th st.	East	6	455	458
Clinton av.	25th st.	26th st.	Both	6	270	480
Clinton av.	28th st.	Lake st.	Both	6	2,040	2,040
Clinton av.	32d st.	33d st.	West	6	467	587
Columbus av.	28th st.	29th st.	East	6	488	488
1st av. S.	29th st.	29th st.	West	6	56	56
4th av. S.	24th st.	Lake st.	East	6	359	772
5th av. S.	24th st.	25th st.	East	6	287	287
Grand av.	Lake st.	31st st.	West	6	227	226
				129	46	46

NINTH WARD.

Adams st.	4th av. NE.	18th av. NE.	Both.	4,387	308	.....	4,505
Central av.	Broadway st.	18th av. NE.	Both.	310	.....	.....	4,353
18th av. NE.	25th av.	29th av.	East.	.....	385	.....	2,448
18th av. NE.	Monroe st.	Flumore st.	Both.	.....	786	.....	2,092
18th av. NE.	Flumore st.	Buchanan st.	North.	.....	.....	.....	547
18th av. NE.	Central av.	Taylor st.	South.	48	.....	.....	1,032
18th av. NE.	Central av.	Polk st.	North.	.....	.....	.....	308
4th av. NE.	Madison st.	5th st.	South.	260	.....	.....	373
4th av. NE.	Madison st.	18th av. NE.	Both.	267	.....	.....	304
Jefferson st.	Summer st.	18th av. NE.	East.	.....	51	.....	617
Jefferson st.	Spring st.	Broadway st.	East.	528	.....	.....	617
Jefferson st.	Spring st.	Summer st.	West.	1,105	.....	.....	1,195
Lincoln st.	24th av. NE.	Broadway st.	Both.	.....	1,050	.....	2,310
Madison st.	Spring st.	Summer st.	Both.	1,105	.....	.....	1,105
Monroe st.	Broadway st.	29th av. NE.	Both.	.....	.....	.....	316
Pierce st.	Division st.	Winter st.	Both.	.....	418	.....	341
Polk st.	29th av. NE.	29th av. NE.	Both.	.....	1,120	.....	3,686
Quincy st.	3d av. NE.	Broadway st.	Both.	480	.....	.....	1,528
Spring st.	5th st.	Adams st.	Both.	276	.....	.....	968
Spring st.	Jefferson st.	Monroe st.	Both.	192	.....	.....	540
17th av. NE.	5th st.	Jefferson st.	Both.	.....	138	.....	530
18th av. NE.	25th av. NE.	Jefferson st.	Both.	.....	140	.....	1,884
Taylor st.	Washington av.	27th av. NE.	Both.	608	.....	.....	2,328
13th av. NE.	Washington av.	6th st.	North.	.....	616	.....	1,712
29th av. NE.	Jefferson st.	Taylor st.	Both.	.....	1,526	.....	985
34th av. NE.	Monroe st.	Flumore st.	Both.	.....	1,130	.....	2,314
36th av. NE.	Monroe st.	Taylor st.	Both.	100	.....	.....	3,641
			Both.	.....	272	.....	1,272
				9,746	308	.....	41,919
						22,800	\$13,517.97

TENTH WARD.

Fremont av.	26th av. N.	27th av. N.	Both.	.....	.....	.....	1,216
Penn av.	26th av. N.	34th av. N.	West.	.....	.....	.....	3,043
Penn av.	30th av. N.	32d av. N.	East.	.....	.....	.....	611
3d st. N.	26th av. N.	29th av.	Both.	185	.....	.....	2,323
28th av. N.	2d st.	Washington av.	South.	1,066	.....	.....	354
29th av. N.	2d st.	4th st.	Both.	172	.....	.....	2,013
29th av. N.	2d st.	Emerson av.	North.	698	.....	.....	2,046
30th av. N.	4th st.	Washington av.	North.	.....	.....	.....	201
31st av. N.	2d st.	3d st.	North.	.....	.....	.....	344
32d av. N.	R. R.	Washington av.	South.	271	.....	.....	615
32d av. N.	Washington av.	Penn av.	South.	163	.....	.....	524
Washington av. N.	32d av.	34th av.	North.	1,458	.....	.....	4,458
Washington av. N.	34th av.	35th av.	Both.	460	.....	.....	1,973
			West.	539	.....	.....	539
				5,563	.....	13,512	21,075
							\$4,880.50

TABLE NO. 13.—Continued.
ELEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Butler place.....	22nd av. S.....	23rd av. S.....	South..	4			202		202	
Cedar av.....	7th st.....	Franklin av.....	East..	8			61		61	
8th st. S.....	11th av.....	13th av.....	South..	8			70		70	
8th st. S.....	16th av.....	17th av.....	North..	8				110	110	
9th st. S.....	20th av.....	21st av.....	Both..	8			179	230	409	
10th st.....	17th av.....	R. R.....	Both..	6				230	230	
7th st. S.....	10th av.....	12th av.....	South..	8	132				132	
7th st. S.....	13th av.....	16th av.....	South..	8	60				60	
7th st. S.....	19th av.....	20th av.....	South..	8				146	146	
7th st. S.....	Riverside av.....	22nd av.....	South..	8			225	100	225	
16th av. S.....	7th st.....	8th st.....	West..	8				113	113	
20th av. S.....	Franklin av.....	Franklin av.....	Both..	8			143		143	
22nd st.....	18th av. S.....	Cedar av.....	North..	8				22	22	
24th av. S.....	Riverside av.....	Franklin av.....	West..	8						
				201			880	941	2,022	\$3,907.54

TWELFTH WARD.

41st av. S.....	52nd st.....	53rd st.....	West..	6	617				617	
53 1/2 st. S.....	31st av.....	34th av.....	South..	6			542		542	
9th av. S.....	24th st.....	26th st.....	Both..	6				2,402	2,402	
10th av. S.....	24th st.....	26th st.....	Both..	6	60		624	213	1,007	
12th av. S.....	26th st.....	26th st.....	Both..	8				773	773	
14th av. S.....	26th st.....	26th st.....	Both..	8			530	1,120	1,980	
24th av. S.....	40th st.....	54th st.....	West..	6			267	272	539	
38th st.....	Chicago av.....	10th av. S.....	South..	6						
				677			2,463	4,782	7,922	\$1,601.48

THIRTEENTH WARD.

Chicago av.....	25th st.....	26th st.....	West..	6				554	554	
Lyndale av.....	24th st.....	26th st.....	East..	8				613	613	
Portland av.....	24th st.....	26th st.....	East..	8			1,821	1,760	3,081	
Portland av.....	27th st.....	28th st.....	West..	8				1,223	1,223	
34th st.....	Nicollet av.....	Chicago av.....	South..	8			130	2,101	2,240	
							1,460	6,361	7,711	\$2,050.44

SUMMARY OF TABLE NO. 13.

WARD.	LENGTH.				Total cost.
	Artificial stone walk laid by owners	Artificial stone walk laid by city.	Plank walk laid by owners	Plank walk laid by city.	
	Feet.	Feet.	Feet.	Feet.	
First.....	2,636	434	608	9,204	\$8,149.00
Second.....	7,746	1,372	3,519	4,625	9,200.02
Third.....	2,138	195	8,956	35,231	17,280.67
Fourth.....	9,542	175	2,797	19,247	16,202.25
Fifth.....	2,848	66	1,010	4,068	10,190.60
Sixth.....	1,441		3,954	6,353	8,310.54
Seventh.....	3,103		3,449	9,324	4,135.06
Eighth.....	8,079	1,096	2,818	19,311	13,444.82
Ninth.....	9,746	208	9,196	22,869	13,517.97
Tenth.....			5,563	15,512	4,880.59
Eleventh.....	201		880	941	2,907.54
Twelfth.....	677		2,463	4,782	1,691.48
Thirteenth.....			1,460	6,251	2,020.44
Totals.....	48,157	6,546	46,663	157,718	\$109,931.00

49.07 miles

TABLE NO. 14.
SIDEWALKS ORDERED FOR 1892.
FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
8th av. N. E.	River.....	2d st.	Both.....	6	1	2,794.3		81,676.58	
4th av. N. E.	2d st.	University av.	South.....	6	1	160		96.00	
4th st. N. E.	1st av.	3d av.	West.....	6	3	424.5		254.70	
4th st. N. E.	Broadway st.	18th av.	Both.....	6	4		2,872.5		\$ 680.40
4th st. N. E.	20th av.	27th av.	Both.....	6	4		5,278.9		1,266.92
5th av. N. E.	Main st.	University av.	Both.....	6	6	1,440		864.00	
5th st. N. E.	2d av.	6th av.	West.....	6	6	335.5		201.30	
14th av. N. E.	4th st.	4½ st.	Both.....	6	8		297.5		49.80
Island av.	Gt. N. Ry.	Bridge st.	Inland.....	6	9	841.9		505.14	
Main st. N. E.	5th av.	Broadway st.	West.....	12	10	1,784.5		2,052.18	
Main st. N. E.	6th av.	Broadway st.	East.....	6	11	736.8		436.08	
Ramsey st.	6th av. N. E.	8th av. N. E.	Both.....	6	12		1,716.5		411.06
2d st. N. E.	2d av.	3d av.	East.....	6	13				
2d st. N. E.	6th av.	Broadway st.	Both.....	6	14	3,165		1,860.60	
8th av. N. E.	Marshall st.	Main st.	South.....	6	15		177		42.48
8th av. N. E.	University av.	5th st.	North.....	6	16		717		172.08
8th av. N. E.	4th st.	5th st.	South.....	6	17		358		85.92
7th av. N. E.	Marshall st.	Sibley st.	Both.....	6	18		1,408.1		337.04
7th av. N. E.	Main st.	University av.	Both.....	6	19	1,250		755.40	
13th av. N. E.	Marshall st.	Main st.	South.....	6	20		346		83.04
22d av. N. E.	Marshall st.	2d st.	Both.....	6	21		2,427.9		586.10
25th av. N. E.	Marshall st.	5th st.	Both.....	6	22		4,847.5		1,163.42
University av. N. E.	1st av.	3d av.	East.....	6	23	162		97.20	
University av. N. E.	5th av.	Broadway st.	East.....	6	24	1,188.5		713.10	
						14,282.0	20,366.9	90,550.68	4,988.06

*All built.

SECOND WARD.

Church st.	Delaware st.	Cambridge st.	West	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Church st.	Delaware st.	Cambridge st.	West	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
8th av. S. E.	University av.	4th av.	West	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	12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TABLE NO. 32.

Showing in Detail Expenditures on Account of Extension No. 581, in East Twenty-eighth St., Across Park Ave.

Dec. 15.	Labor, tools, etc.....	\$62.19
	Six inch pipe.....	54.02
	Six inch pipe connections.....	4.45
	One hundred and fifty pounds lead.....	6.18
	Three hundred and seventeen pounds specials.....	7.13
	Total.....	\$133.97

TABLE NO. 33.

Showing in Detail Expenditures on Account of Extension No. 589, in North Aldrich Ave. and Twentieth Ave. N. to Twenty-second Ave. N.

Dec. 15.	Labor, tools, etc.....	\$335.72
	Six inch pipe.....	400.30
	Six inch pipe connections.....	5.21
	Two hydrants.....	73.00
	Two six-inch gates.....	25.50
	Six hundred and thirty-two pounds lead.....	26.04
	Six hundred and seven pounds specials.....	13.06
	Total.....	\$879.43

TABLE NO. 34.

Showing in Detail Expenditures on Account of Extension No. 590 in Blaisdell Ave. from W. Twenty-seventh to W. Twenty-eighth Sts.

Dec. 15.	Labor, tools, etc.....	\$334.34
	Six-inch pipe.....	318.61
	Six-inch hydrant pipe.....	26.96
	One hydrant.....	36.50
	One six-inch gate.....	12.75
	Five hundred and fourteen pounds lead.....	21.18
	Six hundred and fifty-four pounds specials.....	14.71
	Total.....	\$765.05

TABLE NO. 35.

Showing in Detail Expenditures on Account of Extension No. 591 in Bryant Ave. South from W. Franklin to W. Twenty-fourth St.

Dec. 15.	Labor, tools, etc.....	\$453.31
	Six-inch pipe.....	644.40
	Six-inch hydrant pipe.....	7.79
	Three hydrants.....	109.50
	Two six-inch gates.....	25.50
	Nine hundred and ninety-two pounds lead.....	40.87
	Seven hundred and seventy-eight pounds specials.....	17.50
	Total.....	\$1,298.87

TABLE NO. 36.

Showing in Detail Expenditures on Account of Extension No. 592 in South Bryant Ave. from W. Twenty-sixth St. to W. Twenty-seventh St.

Dec. 15.	Labor, tools, etc.....	\$336.63
	Six-inch pipe.....	361.80
	Six-inch hydrant pipe.....	5.21
	Two hydrants.....	73.00
	One six-inch gate.....	12.75
	Six hundred and two pounds lead.....	24.80
	Six hundred and eighty-nine pounds specials.....	15.50
	Total.....	\$829.69

THIRD WARD.

4th st.	3d av.	12th av.	Both	8	17	.....	4,699.9	.....	1,315.96
4th st.	Plymouth av.	14th av.	West	6	18	.....	122.4	73.44	.....
4th st.	17th av.	18th av.	Both	6	19	.....	1,101.1	.....	364.25
5th st.	2d av.	5th st.	Both	8	21	.....	698.4	1,913.62	.....
5th st.	In front of Lot 1, Blk. 3.	5th st.	Both	8	21	.....	2,101.9	.....	11.20
5th st.	3d av.	Bradford & Lewis	Both	8	22	.....	40	213.15	.....
5th st.	Bridge over 4th av.	10th av.	Both	15	23	.....	147	.....	306.38
5th st.	12th av.	14th av.	Both	6	25	.....	9,145	.....	350.61
5th st.	Washington av.	3d st.	South	6	26	.....	1,371.7	.....	.....
14th av.	5th st.	6th st.	South	6	27	.....	314.5	188.70	.....
14th av.	Dupont av.	Girard av.	Both	6	28	.....	257	172.20	.....
14th av.	Girard av.	James av.	Both	6	29	.....	1,977	.....	474.52
14th av.	3d st.	Washington av.	North	6	30	.....	555.7	.....	181.37
15th av.	Washington av.	3d st.	Both	8	31	.....	356	.....	85.44
15th av.	Washington av.	4th st.	Both	6	32	.....	629	503.20	.....
Girard av.	Plymouth av.	14th av.	West	6	33	.....	556	.....	131.44
Girard av.	21st av. N.	25th av. N.	West	6	34	.....	333.3	.....	79.99
Hong av.	7th av. N.	8th av. N.	West	6	35	.....	1,464	.....	351.36
Humboldt av.	James av.	Gale's 2d addition.	East	6	36	.....	317	.....	76.08
Lillon av.	Hillside av.	Crystal lake av.	East	4	37	.....	839.8	.....	206.40
Irving av.	Plymouth av.	16th av. N.	West	6	38	.....	267	.....	53.40
Irving av.	19th av. N.	Crystal lake av.	Both	6	39	.....	975.1	.....	217.22
Irving av.	22d av. N.	Crystal lake av.	Both	6	40	.....	1,899.5	.....	434.26
James av.	In front of Lot 1, Blk. 17.	25th av. N.	East	6	41	.....	475.1	.....	114.02
James av.	S line Blk. 3, Crepeau's 2d	Forest Heights.	East	6	42	.....	1,316.9	.....	316.06
James av.	16th av. N.	Addition, 16th av. N.	East	6	43	.....	103.3	.....	24.79
James av.	25th av. N.	Crystal lake av.	West	6	44	.....	890.9	.....	213.82
Jewett pl.	6th av. N.	8th av. N.	West	6	45	.....	219.5	.....	52.08
Logan av.	Hillside av.	26th av. N.	Both	6	46	.....	375.2	.....	90.04
Lyndale place.	6th av. N. to lot 17, block 6.	25th av. N.	Both	6	47	.....	1,425	.....	342.00
Newton av.	19th av. N.	Menage's 4th addition.	West	6	48	.....	860.1	.....	206.43
19th av. N.	Girard av.	21st av. N.	East	6	49	.....	408	.....	97.02
19th av. N.	Morgan av.	James av.	North	6	50	.....	583.1	.....	139.94
19th av. N.	Penn av.	Thomas av.	North	6	51	.....	814.7	.....	195.54
Penn av.	10th av. N.	Plymouth av.	South	6	52	.....	796.2	.....	191.11
Penn av.	4th st. to 100 feet towards 5th	street.	East	6	53	.....	863.8	.....	207.30
Plymouth av.	Humbolt av.	Crystal lake av.	West	6	54	.....	1222.9	.....	283.50
Plymouth av.	Private road.	8th av. to N. line A. C. Lorin	South	10	55	.....	2443.7	.....	586.40
Queen av.	Queen av.	S. line block 5, East Lawn	West	6	56	.....	108.5	108.50	.....
Queen av.	17th av. N.	19th av. N.	South	6	57	.....	2587.3	.....	620.95
2d st. N.	2d av.	14th av.	S'ly	6	58	.....	2474.8	.....	503.95
			Both	6	59	.....	608.2	.....	145.96
			West	6	60	.....	914.4	.....	219.45
			East	6	61	.....	563.8	.....	142.51
			South	8	61	.....	615	492.00	.....
			Both	8	62	.....	686	548.80	.....

TABLE NO. 14.—Continued.
THIRD WARD.

STREET.	FROM—	TO—	SIDE.	Width.	No. of assess- ment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft., 10ths.	Plank, Ft., 10ths.	Artificial stone.	Plank.
2d st. N	14th av.	22d av.	Both	8	63	712	4705	509.00	1342.60
6th av. N	2d st.	Wash av.	Both	8	64	712		360.00	
6th av. N	4th st.	5th st.	Both	8	65	450		38.76	
6th st. N	15th av.	16th av.	West	6	66	64.6			167.04
6th st. N	22d av.	24th st.	Both	6	67		606	105.00	
7th av. N	In front of lot 16, block 30.	Minneapolis.		6	68	176		436.74	
7th av. N	Wash av.	3d st.	Both	6	69	727.9			168.74
7th av. N	3d st.	4th st.	Both	6	70		701		132.53
7th av. N	6th st.	Hoag av.	Both	6	71		552.3		144.22
7th av. N	Hoag av.	Oak lake av.	South	6	72		691.1		84.00
16th av. N	1st st.	2d st.	North	6	73		350		165.84
16th av. N	Wash av.	5th st.	North	6	74		601		65.52
16th av. N	5th st.	6th st.	Both	6	75		373		261.68
17th av. N	Penn av.	Russell av.	Both	6	76		1,000.4	68.31	
3rd st. N	3rd st.	4th st.	West	12	77	59.4		33.00	
3rd st. N	9, Brown's sub. in Case &	Moore's addition	Both	6	78	55		534.33	
3rd st. N	3rd av.	Bog over 4th av.	Both	15	79	376.5		861.80	
3rd st. N	Bog over 4th av.	6th av.	Both	8	80	1,081			167.71
3rd st. N	12th av.	Plymouth av.	East	6	81		600.2		30.90
3rd st. N	15th av.	16th av.	Both	6	82		988.5	592.80	
12th av. N	Washington av.	Lyndale av.	North	6	83		608.8	83.28	
12th av. N	4th st.	Lyndale av.	South	6	84		138.8		
12th av. N	6th st.	Lyndale av.	North	6	85		166.5		
12th av. N	In front of lot 5, blk. 3.	Gale's 2nd addition.	North	6	86		125	218.75	
12th av. N	In front of lot 5 and 6, blk.	18, Minneapolis.	North	18	87			723.18	
20th av. N	Washington av.	Lyndale av.	North	6	88		1,205.3		42.30
Exc. in front of lot 5 and	6, blk. 18, Minneapolis.	Aldrich av.	North	6	89		176.5		197.88
20th av. N	Lyndale av.	Penn av.	Both	6	90		332.8		78.46
21st av. N	Oliver av.	Aldrich av.	South	6	91		335.9		78.46
22nd av. N	Lyndale av.	Irving av.	South	6	92		327.8		435.72
22nd av. N	Clarend av.	Ilion av.	Both	6	93		1,815.5		78.46
23rd av. N	Lyndale av.	Aldrich av.	North	6	94		327.8		397.80
23rd av. N	Lyndale av.	Dupont av.	North	6	95		1,241.2		

*All built.

THIRD WARD.

[illegible]

FOURTH WARD.

Aldrich av.	in front of	4th av. N.	5th av. N.	East.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Aldrich av.	in front of	1, 4 and 5, b. 5	Stinson's addition.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

*All built.

SIDEWALKS ORDERED FOR THE YEAR 1892.
FOURTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assess- ment.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Hawthorn av.	1st av. N.	10th st.	Both	6	24	277.5		166.50	
Hawthorn av.	11th st.	12th st.	East.	6	25				
Holden st.	Bryant av.	Colfax av.	Both	6	26		584		140.16
Humboldt av.	10th st.	12th st.	South.	6	27	628		376.80	
Irving av.	Douglas av.	Mt. Curve av.	West.	6	28		417.8		100.27
Knox av.	Mt. Curve av.	Douglas av.	West.	6	29		517		124.08
Laurel av.	Mt. Curve av.	Douglas av.	East.	6	30		2,222.3		533.36
Lincoln av.	Railroad	cedar Lake road	South.	6	31		683.5		164.04
Linden av.	Hennepin av.	DuPont av.	North.	6	32	108.5		65.10	
Linden av.	1 and 2, b. 29, Wilson, Bell &	Wagner's addition		6	33				202.41
Logan av.	Hennepin av.	Lyndale av.	Both	6	34		843.4		258.46
Logan av.	Western av.	6th av. N.	East.	6	35		1,076.9		404.90
Mary place.	Erie av.	Hennepin av.	Both	6	36		2,062.1		
Mt. Curve av.	1, 14, b. 225, Wells, S. & B.'s	addition.	Both	6	37	180		108.00	
Mt. Curve av.	Fremont av.	13th st.	Both	6	38	452.1		271.26	
Mt. Curve av.	Humboldt av.	Logan av.	Both	6	39		946.4		227.13
Nicollet av.	Logan av.	Kenwood boul.	North.	6	40		1,226		294.24
9th st.	1, 7, b. 27, Snyder & Co.'s 1st	addition.		6	41		100		45.60
9th st.	1, 2, b. 5, J. S. Johnson's ad			6	42	185		148.00	
9th st.	1 and 14, b. 225, Wells, S. &	R.'s addition.	West.	8	43	66		52.80	
9th st.	1st av. S.	Western av.	Both	6	44	107		64.20	
9th st.	7th st.	Western av.	Both	6	45	273		163.80	
Ridgewood av.	of 1, 3, 4, 5 and 6, b. 6, Ridge-	wood addition	West.	8	46	325.9		105.54	
Sheridan av.	Kenwood boul.	4th ward line	East.	6	47	716.2		420.72	
Spruce place.	14th st.	Oak Grove st.	Both	6	48	783.3		460.98	
Summit av.	Hennepin av.	Lyndale ave.	South.	6	49		149		35.76
2d av. N.	b. 60, Hoag's addition			8	50	179		143.20	
2d av. N.	6th st.	7th st.	East.	8	51	291.8		293.44	
6th av. N.	Hoag av.	Hoag av.	South.	8	52	350		210.00	
6th av. N.	Oak Lake av.	Oak Lake av.	South.	6	53				
6th av. N.	Lyndale av.	Lyndale av.	South.	6	54				
6th av. N.	DuPont av.	DuPont av.	South.	6	55	300		180.00	
6th av. N.	Colfax av.	DuPont av.	South.	6	56		212		50.88
7th st.	Nicollet av.	1st av.	South.	8	57	90		79.20	

FOURTH WARD.

7th st., in front of front	sgt. of l. 1, b. 2, Hong & Bell's	addition	North.	8	38	61	\$18.80
16th st., in front of l. 1, b. 34.	Hennessy av.	lateral v.	East.	6	59	432.5	250.50
17th st., in front of l. 1, b. 34.	Wilson, B. & Wagner's	addition	West.	6	60	138.5	105.10
19th st., in front of l. 1, b. 34.	Linden av.	Chestnut av.	Both	6	61	634	380.40
20th st., S	Nicollet av.	1st av.	North	8	62	55	44.00
22nd st., N	Western av.	Holden st.	East.	6	63	138.5	95.10
23rd st.	Mary place.	Yale place.	Both	6	64	301.4	180.84
23rd st.	Hennessy av.	Nicollet av.	North	6	65	204.5	122.70
23rd st.	Hennessy av.	Harmon place.	Both	6	66	503.5	322.10
24th st.	Hennessy av.	Hawthorn av.	North	6	67	125	75.00
25th st.	Hennessy av.	Oak Grove st.	East.	6	68	299	179.40
26th st.	Hennessy av.	addition	North	6	69	443	50.80
27th st.	Hennessy av.	addition	North	6	70	391	50.80
28th st.	Hennessy av.	addition	North	6	71	347	390.06
29th st.	Hennessy av.	R. R. bridge	North	6	72	252.6	513.56
30th st.	Hennessy av.	Lyndale av.	South.	6	73	36	36.00
31st st.	Hennessy av.	addition	North	6	74	657.3	394.38
32nd st.	Hennessy av.	Yale place.	East	6	75	140.5	84.30
33rd st.	Hennessy av.	13th st.	North.	6	76	140.5	84.30
34th st.	Hennessy av.	13th st.	North.	6	77	140.5	84.30
35th st.	Hennessy av.	13th st.	North.	6	78	140.5	84.30
36th st.	Hennessy av.	13th st.	North.	6	79	140.5	84.30
37th st.	Hennessy av.	13th st.	North.	6	80	140.5	84.30
38th st.	Hennessy av.	13th st.	North.	6	81	140.5	84.30
39th st.	Hennessy av.	13th st.	North.	6	82	140.5	84.30
40th st.	Hennessy av.	13th st.	North.	6	83	140.5	84.30
41st st.	Hennessy av.	13th st.	North.	6	84	140.5	84.30
42nd st.	Hennessy av.	13th st.	North.	6	85	140.5	84.30
43rd st.	Hennessy av.	13th st.	North.	6	86	140.5	84.30
44th st.	Hennessy av.	13th st.	North.	6	87	140.5	84.30
45th st.	Hennessy av.	13th st.	North.	6	88	140.5	84.30
46th st.	Hennessy av.	13th st.	North.	6	89	140.5	84.30
47th st.	Hennessy av.	13th st.	North.	6	90	140.5	84.30
48th st.	Hennessy av.	13th st.	North.	6	91	140.5	84.30
49th st.	Hennessy av.	13th st.	North.	6	92	140.5	84.30
50th st.	Hennessy av.	13th st.	North.	6	93	140.5	84.30
51st st.	Hennessy av.	13th st.	North.	6	94	140.5	84.30
52nd st.	Hennessy av.	13th st.	North.	6	95	140.5	84.30
53rd st.	Hennessy av.	13th st.	North.	6	96	140.5	84.30
54th st.	Hennessy av.	13th st.	North.	6	97	140.5	84.30
55th st.	Hennessy av.	13th st.	North.	6	98	140.5	84.30
56th st.	Hennessy av.	13th st.	North.	6	99	140.5	84.30
57th st.	Hennessy av.	13th st.	North.	6	100	140.5	84.30
58th st.	Hennessy av.	13th st.	North.	6	101	140.5	84.30
59th st.	Hennessy av.	13th st.	North.	6	102	140.5	84.30
60th st.	Hennessy av.	13th st.	North.	6	103	140.5	84.30
61st st.	Hennessy av.	13th st.	North.	6	104	140.5	84.30
62nd st.	Hennessy av.	13th st.	North.	6	105	140.5	84.30
63rd st.	Hennessy av.	13th st.	North.	6	106	140.5	84.30
64th st.	Hennessy av.	13th st.	North.	6	107	140.5	84.30
65th st.	Hennessy av.	13th st.	North.	6	108	140.5	84.30
66th st.	Hennessy av.	13th st.	North.	6	109	140.5	84.30
67th st.	Hennessy av.	13th st.	North.	6	110	140.5	84.30
68th st.	Hennessy av.	13th st.	North.	6	111	140.5	84.30
69th st.	Hennessy av.	13th st.	North.	6	112	140.5	84.30
70th st.	Hennessy av.	13th st.	North.	6	113	140.5	84.30
71st st.	Hennessy av.	13th st.	North.	6	114	140.5	84.30
72nd st.	Hennessy av.	13th st.	North.	6	115	140.5	84.30
73rd st.	Hennessy av.	13th st.	North.	6	116	140.5	84.30
74th st.	Hennessy av.	13th st.	North.	6	117	140.5	84.30
75th st.	Hennessy av.	13th st.	North.	6	118	140.5	84.30
76th st.	Hennessy av.	13th st.	North.	6	119	140.5	84.30
77th st.	Hennessy av.	13th st.	North.	6	120	140.5	84.30
78th st.	Hennessy av.	13th st.	North.	6	121	140.5	84.30
79th st.	Hennessy av.	13th st.	North.	6	122	140.5	84.30
80th st.	Hennessy av.	13th st.	North.	6	123	140.5	84.30
81st st.	Hennessy av.	13th st.	North.	6	124	140.5	84.30
82nd st.	Hennessy av.	13th st.	North.	6	125	140.5	84.30
83rd st.	Hennessy av.	13th st.	North.	6	126	140.5	84.30
84th st.	Hennessy av.	13th st.	North.	6	127	140.5	84.30
85th st.	Hennessy av.	13th st.	North.	6	128	140.5	84.30
86th st.	Hennessy av.	13th st.	North.	6	129	140.5	84.30
87th st.	Hennessy av.	13th st.	North.	6	130	140.5	84.30
88th st.	Hennessy av.	13th st.	North.	6	131	140.5	84.30
89th st.	Hennessy av.	13th st.	North.	6	132	140.5	84.30
90th st.	Hennessy av.	13th st.	North.	6	133	140.5	84.30
91st st.	Hennessy av.	13th st.	North.	6	134	140.5	84.30
92nd st.	Hennessy av.	13th st.	North.	6	135	140.5	84.30
93rd st.	Hennessy av.	13th st.	North.	6	136	140.5	84.30
94th st.	Hennessy av.	13th st.	North.	6	137	140.5	84.30
95th st.	Hennessy av.	13th st.	North.	6	138	140.5	84.30
96th st.	Hennessy av.	13th st.	North.	6	139	140.5	84.30
97th st.	Hennessy av.	13th st.	North.	6	140	140.5	84.30
98th st.	Hennessy av.	13th st.	North.	6	141	140.5	84.30
99th st.	Hennessy av.	13th st.	North.	6	142	140.5	84.30
100th st.	Hennessy av.	13th st.	North.	6	143	140.5	84.30
101st st.	Hennessy av.	13th st.	North.	6	144	140.5	84.30
102nd st.	Hennessy av.	13th st.	North.	6	145	140.5	84.30
103rd st.	Hennessy av.	13th st.	North.	6	146	140.5	84.30
104th st.	Hennessy av.	13th st.	North.	6	147	140.5	84.30
105th st.	Hennessy av.	13th st.	North.	6	148	140.5	84.30
106th st.	Hennessy av.	13th st.	North.	6	149	140.5	84.30
107th st.	Hennessy av.	13th st.	North.	6	150	140.5	84.30
108th st.	Hennessy av.	13th st.	North.	6	151	140.5	84.30
109th st.	Hennessy av.	13th st.	North.	6	152	140.5	84.30
110th st.	Hennessy av.	13th st.	North.	6	153	140.5	84.30
111th st.	Hennessy av.	13th st.	North.	6	154	140.5	84.30
112th st.	Hennessy av.	13th st.	North.	6	155	140.5	84.30
113th st.	Hennessy av.	13th st.	North.	6	156	140.5	84.30
114th st.	Hennessy av.	13th st.	North.	6	157	140.5	84.30
115th st.	Hennessy av.	13th st.	North.	6	158	140.5	84.30
116th st.	Hennessy av.	13th st.	North.	6	159	140.5	84.30
117th st.	Hennessy av.	13th st.	North.	6	160	140.5	84.30
118th st.	Hennessy av.	13th st.	North.	6	161	140.5	84.30
119th st.	Hennessy av.	13th st.	North.	6	162	140.5	84.30
120th st.	Hennessy av.	13th st.	North.	6	163	140.5	84.30
121st st.	Hennessy av.	13th st.	North.	6	164	140.5	84.30
122nd st.	Hennessy av.	13th st.	North.	6	165	140.5	84.30
123rd st.	Hennessy av.	13th st.	North.	6	166	140.5	84.30
124th st.	Hennessy av.	13th st.	North.	6	167	140.5	84.30
125th st.	Hennessy av.	13th st.	North.	6	168	140.5	84.30
126th st.	Hennessy av.	13th st.	North.	6	169	140.5	84.30
127th st.	Hennessy av.	13th st.	North.	6	170	140.5	84.30
128th st.	Hennessy av.	13th st.	North.	6	171	140.5	84.30
129th st.	Hennessy av.	13th st.	North.	6	172	140.5	84.30
130th st.	Hennessy av.	13th st.	North.	6	173	140.5	84.30
131st st.	Hennessy av.	13th st.	North.	6	174	140.5	84.30
132nd st.	Hennessy av.	13th st.	North.	6	175	140.5	84.30
133rd st.	Hennessy av.	13th st.	North.	6	176	140.5	84.30
134th st.	Hennessy av.	13th st.	North.	6	177	140.5	84.30
135th st.	Hennessy av.	13th st.	North.	6	178	140.5	84.30
136th st.	Hennessy av.	13th st.	North.	6	179	140.5	84.30
137th st.	Hennessy av.	13th st.	North.	6	180	140.5	84.30
138th st.	Hennessy av.	13th st.	North.	6	181	140.5	84.30
139th st.	Hennessy av.	13th st.	North.	6	182	140.5	84.30
140th st.	Hennessy av.	13th st.	North.	6	183	140.5	84.30
141st st.	Hennessy av.	13th st.	North.	6	184	140.5	84.30
142nd st.	Hennessy av.	13th st.	North.	6	185	140.5	84.30
143rd st.	Hennessy av.	13th st.	North.	6	186	140.5	84.30
144th st.	Hennessy av.	13th st.	North.	6	187	140.5	84.30
145th st.	Hennessy av.	13th st.	North.	6	188	140.5	84.30
146th st.	Hennessy av.	13th st.	North.	6	189	140.5	84.30
147th st.	Hennessy av.	13th st.	North.	6	190	140.5	84.30
148th st.	Hennessy av.	13th st.	North.	6	191	140.5	84.30
149th st.	Hennessy av.	13th st.	North.	6	192	140.5	84.30
150th st.	Hennessy av.	13th st.	North.	6	193	140.5	84.30
151st st.	Hennessy av.	13th st.	North.	6	194	140.5	84.30
152nd st.	Hennessy av.	13th st.	North.	6	195	140.5	84.30
153rd st.	Hennessy av.	13th st.	North.	6	196	140.5	84.30
154th st.	Hennessy av.	13th st.	North.	6	197	140.5	84.30
155th st.	Hennessy av.	13th st.	North.	6	198	140.5	84.30
156th st.	Hennessy av.	13th st.	North.	6	199	140.5	84.30
157th st.	Hennessy av.	13th st.	North.	6	200	140.5	84.30
158th st.	Hennessy av.	13th st.	North.	6	201	140.5	84.30
159th st.	Hennessy av.	13th st.	North.	6	202	140.5	84.30
160th st.	Hennessy av.	13th st.	North.	6	203	140.5	84.30
161st st.	Hennessy av.	13th st.	North.	6	204	140.5	84.30
162nd st.	Hennessy av.	13th st.	North.	6	205	140.5	84.30
163rd st.	Hennessy av.	13th st.	North.	6	206	140.5	84.30
164th st.	Hennessy av.	13th st.	North.	6	207	140.5	84.30
165th st.	Hennessy av.	13th st.	North.	6	208	140.5	84.30
166th st.	Hennessy av.	13th st.	North.	6	209	140.5	84.30
167th st.	Hennessy av.	13th st.	North.	6	210	140.5	84.30
168th st.	Hennessy av.	13th st.	North.	6	211	140.5	84.30
169th st.	Hennessy av.	13th st.	North.	6	212	140.5	84.30
170th st.	Hennessy av.	13th st.	North.	6	213	140.5	84.30
171st st.	Hennessy av.	13th st.	North.	6	214	140.5	84.30
172nd st.	Hennessy av.	13th st.	North.	6	215	140.5	84.30
173rd st.	Hennessy av.	13th st.	North.	6	216	140.5	84.30
174th st.	Hennessy av.	13th st.	North.	6	217	140.5	84.30
175th st.	Hennessy av.	13th st.	North.	6	218	140.5	84.30
176th st.	Hennessy av.	13th st.	North.	6	219	140.5	84.30
177th st.	Hennessy av.	13th st.	North.	6	220	140.5	84.30
178th st.	Hennessy av.	13th st.	North.	6	221	140.5	84.30
179th st.	Hennessy av.	13th st.	North.	6	222	140.5	84.30
180th st.	Hennessy av.	13th st.	North.	6	223	140.5	84.30
181st st.	Hennessy av.	13th st.	North.	6	224	140.5	84.30
182nd st.	Hennessy av.	13th st.	North.	6	225	140.5	84.30
183rd st.	Hennessy av.	13th st.	North.	6	226	140.5	84.30
184th st.	Hennessy av.	13th st.	North.	6	227	140.5	84.30
185th st.	Hennessy av.	13th st.	North.	6	228	140.5	84.30
186th st.	Hennessy av.	13th st.	North.	6	229	140.5	84.30
187th st.	Hennessy av.	13th st.	North.	6	230	140.5	84.30
188th st.	Hennessy av.						

FIFTH WARD.

[illegible]

*All built.

TABLE NO. 14.—Continued:
FIFTH WARD.

STREET.	FROM—	To—	SIDE.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
1st av. S.	Grant st.	14th st.	East	6	21		158.5		\$58.04
1st av. S.	14th st.	15th st.	Both	6	22		255		61.20
4th av. S.	11th st.	Grant st.	East	6	23		217.2		52.13
4th av. S.	14th st.	15th st.	East	6	24		100		24.00
4th av. S.	17th st.	19th st.	Both	6	25		984		236.16
4th st. S.	8th av.	9th av.	South	6	26				
5th av. S.	8th st.	10th st.	East	6	27	170		\$156.00	
5th av. S.	10th st.	11th st.	East	6	28	185		146.00	
5th av. S.	11th st.	Grant st.	West	6	29		123		34.44
5th av. S.	Grant st.	14th st.	West	6	30		186.5		20.76
5th av. S.	14th st.	15th st.	West	6	31		267		64.08
5th av. S.	19th st.	Franklin av.	West	6	32	217		130.30	
5th st. S.	22nd st.	24th st.	East	6	33		300.1		72.02
5th st. S.	3rd av.	4th av.	South	6	34	60		52.80	
5th st. S.	7th av.	8th av.	North	6	35	350		287.20	
14th st.	Nicollet av.	Stevens av.	North	6	36		234		55.16
14th st.	Nicollet av.	2nd av. S.	South	6	37		244		58.56
14th st.	3rd av. S.	Clinton av.	South	6	38		142		34.08
14th st.	4th av. S.	5th av. S.	South	6	39		137.5		31.00
14th st.	Portland av.	Park av.	North	6	40		400.8		96.10
14th st.	Park av.	Chicago av.	South	6	41		699.3		146.24
15th st.	Nicollet av.	1st av. S.	North	6	42		362.7		72.64
15th st.	1st av. S.	Stevens av.	South	6	43				
15th st.	5th av. S.	6th av. S.	South	6	44		57.6		13.82
Grant st.	Stevens av.	2nd av. S.	South	6	45		277		66.48
Grant st.	2nd av. S.	3rd av. S.	North	6	46		40		21.60
Grant st.	4th av. S.	5th av. S.	South	6	47		40		9.60
Grant st.	4th av. S.	5th av. S.	North	6	48		279.4		67.60
Nicollet av.	Grant st.	14th st.	East	8	49		50		14.06
Nicollet av.	19th st.	20th st.	East	8	50		416		116.48
9th av. S.	4th st.	5th st.	West	8	51		340		67.20
9th av. S.	15th st.	16th st.	West	8	52		443		106.32
9th av. S.	15th st.	Franklin av.	West	8	53		705.3		190.87
9th av. S. in front of rear 1/2 lot 6 block 112.		Franklin av. Minneapolis	West.	8	54				

*All built.

FIFTH WARD.

9th st. S.	1st av.	2nd av.	Both.	8	55	199	.....	.....	\$150.20	.....	.....	.....
9th st. S.	Chicago av.	9th av. S.	South.	6	56	.....	331	.....	.....	.....	.....	.....
19th st.	Nicollet av.	2nd av. S.	South.	6	57	.....	50	.....	.....	.....	.....	.....
19th st.	Stevens av.	10th av. S.	North.	6	58	.....	278	.....	.....	.....	.....	.....
19th st.	Chicago av.	15th st.	North.	6	59	.....	628.5	.....	.....	.....	.....	.....
Stevens av.	14th st.	17th st.	Both.	6	61	.....	548	.....	.....	.....	.....	.....
Stevens av.	16th st.	20th st.	East.	6	62	.....	.....	.....	.....	.....	.....	.....
Stevens av.	19th st.	20th st.	East.	6	63	.....	424	.....	.....	.....	.....	.....
2nd av. S.	5th st.	6th st.	East.	15	64	.....	.....	.....	.....	.....	.....	.....
2nd av. S.	Grant st.	14th st.	East.	6	65	.....	50	.....	.....	.....	.....	.....
2nd av. S.	4th av.	15th av.	North.	6	66	.....	217	.....	.....	.....	.....	.....
6th st. S.	2nd av.	3rd av.	South.	6	67	.....	218	.....	.....	.....	.....	.....
6th st. S.	3rd av.	4th av.	North.	6	68	.....	81	.....	.....	.....	.....	.....
6th st. S.	6th av.	7th av.	South.	6	69	.....	24	.....	.....	.....	.....	.....
6th st. S.	6th av.	8th av.	North.	6	70	.....	360	.....	.....	.....	.....	.....
6th st. S.	Franklin av.	22nd st.	East.	6	71	.....	216	.....	.....	.....	.....	.....
6th st. S.	Franklin av.	24th st.	West.	6	72	.....	557	.....	.....	.....	.....	.....
6th st. S.	7th st.	9th st.	East.	6	73	.....	500	.....	.....	.....	.....	.....
6th st. S.	1st av. S.	Stevens av.	North.	6	74	.....	.....	.....	.....	.....	.....	.....
16th st.	Stevens av.	2nd av. S.	South.	6	75	.....	64.3	.....	.....	.....	.....	.....
16th st.	Portland av.	Clinton av.	South.	6	76	.....	135.5	.....	.....	.....	.....	.....
16th st.	Park av.	Chicago av.	Both.	6	77	.....	332	.....	.....	.....	.....	.....
17th st.	Nicollet av.	1st av. S.	South.	6	78	.....	156	.....	.....	.....	.....	.....
17th st.	Stevens av.	2nd av. S.	South.	6	79	.....	140	.....	.....	.....	.....	.....
17th st.	9th av. S.	10th av. S.	North.	6	80	.....	144.1	.....	.....	.....	.....	.....
17th st.	10th av. S.	11th st.	South.	6	81	.....	50	.....	.....	.....	.....	.....
3rd av. S.	10th av. S.	Grant st.	East.	6	82	.....	185	.....	.....	.....	.....	.....
3rd av. S.	11th st.	24th st.	East.	6	83	.....	143	.....	.....	.....	.....	.....
3rd av. S.	Franklin av.	5th st.	East.	6	84	.....	108	.....	.....	.....	.....	.....
10th av. S.	18th st.	19th st.	West.	6	85	.....	50	.....	.....	.....	.....	.....
10th av. S.	22nd st.	24th st.	West.	6	86	.....	130	.....	.....	.....	.....	.....
10th av. S.	3rd av.	4th av.	West.	6	87	.....	134.7	.....	.....	.....	.....	.....
10th st. S.	3rd av.	10th av.	South.	6	88	.....	165	.....	.....	.....	.....	.....
21 st.	9th av. S.	10th av. S.	Both.	6	89	.....	323.5	.....	.....	.....	.....	.....
22nd st.	Clinton av.	4th av. S.	South.	6	90	.....	143.5	.....	.....	.....	.....	.....
22nd st.	5th av. S.	Portland av.	South.	6	91	.....	286.5	.....	.....	.....	.....	.....
22nd st.	Chicago av.	9th av. S.	South.	6	92	.....	158	.....	.....	.....	.....	.....
24th st.	Chicago av.	10th av. S.	South.	6	93	.....	580.5	.....	.....	.....	.....	.....
Wash. av. S.	7th av.	10th av.	North.	18	94	.....	585.9	.....	.....	.....	.....	.....
*Wash. av. S.	8th av.	9th av.	South.	18	95	.....	.....	.....	.....	.....	.....	.....
							4,216.9	19,787.6	\$3,886.73	\$4,849.69		

All built.

TABLE NO. 14—Continued.
SIXTH WARD.

STREET.	FROM—	TO—	SIDE.	Width.	No. of assess- ment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Cedar av.	Washington av.	3d st.	Both.	15	1	656		\$351.21	
Cedar av.	Washington av.	4th st.	Both.	15	2	100		245.05	
11th av. S.	Washington av.	2d st.	West.	15	3	65		52.00	
11th av. S.	Washington av.	3d st.	East.	15	4	65		52.00	
1st st. S.	12th av.	14th st.	South.	8	5		212		\$50.36
1st st. S.	In front of Lot 2, Blk. 6, Han-	cock & Rice's addition.		8	6		70		14.00
4th st. S.	14th av.	15th av.	North.	8	7		160		44.80
4th st. S.	Riverside av.	15th av.	South.	8	8		121		33.88
4th st. S.	21st av.	22d av.	North.	8	9				
4th st. S.	In front of Lot 7 and 8, Blk.	4, Atwater's addition.		10	10		124		34.72
5th st. S.	10th av.	11th av.	North.	8	11		62		17.36
5th st. S.	10th av.	12th av.	Both.	8	12		165		46.30
5th st. S.	12th av.	13th av.	Both.	8	13		647.1		181.18
5th st. S.	16th av.	17th av.	North.	8	14		280		80.32
5th st. S.	20th av.	Cedar av.	North.	8	15		144		40.32
5th st. S.	20th av.	21st av.	East.	8	16		309		85.52
14th av. S.	2d st.	7th st.	East.	8	17		359		100.52
14th av. S.	5th st.	6th st.	Both.	8	18		212		59.36
15th av. S.	4th st.	5th st.	Both.	8	19		74		17.76
Locust st.	In front of rear 57 ft., Lot 1,	Blk. 16, Atwater's addition.	South.	8	20		308		86.34
16th av. S.	2d av. S. to north-easterly	line, Atwater's ad addition.	East.	8	21		30		12.00
16th av. S.	Bluff st.	1st st.	East.	12	22		180		50.40
16th av. S.	2d st.	Washington av.	East.	12	23		718.8		201.26
16th av. S.	Washington av.	2 1/2 st.	Both.	8	24		127.4		35.67
16th av. S.	Riverside av.	6th st.	Both.	8	25		40		11.20
16th av. S.	In front of Lot 8 and 9, Blk.	2, Hancock & Rice's add.		8	26		1,170.6		307.22
16th av. S.	Rear 40 ft. of Lot 6, Blk. 170,	Minneapolis.		14	27			235.30	
Riverside av.	Cedar av.	7th st.	Both.	14	28	108			
2d st. S.	10th av.	11th av.	Both.	14	29		716		200.48
2d st. S.	12th av.	13th av.	Both.	8	30		358		100.24
2d st. S.	19th av.	20th av.	North.	12	31		60		27.60
2d st. S.	In front of Lot 1, Blk. 2, Han-	cock & Rice's addition.		8	32		248		60.44
6th st. S.	11th av.	12th av.	North.	8	33		140		38.20
6th st. S.	16th av.	17th av.	Both.	8	34				

SIXTH WARD

6th st.	19th av.	20th av.	North.	34	132	\$356.06
6th st.	In front of Lot 1, Blk. 11, A.	20th av.	North.	35	132	356
6th st.	In front of Lot 8, Blk. 15, A.	20th av.	North.	36	132	356
6th st.	In front of Lot 1 and 2, Blk. 15.	188, Minneapolis.	North.	37	146	15.40
7th st.	15th av.	16th av.	North.	38	212 5	40.88
7th st.	19th av.	20th av.	North.	39	278	50.60
7th st.	22d st.	Riverside av.	North.	40	332	77.84
7th st.	In front of Lot 5, Blk. 20, A.	19, Alwater's addition.	North.	41	55	36.96
7th st.	Cedar av.	5th st.	North.	42	130	22.00
7th st.	Cedar av.	6th st.	Both.	43	642	\$104.00
7th st.	Cedar av.	9th st.	Both.	44	356	179.76
7th st.	25th st.	10th av.	Both.	45	228	99.98
7th st.	25th st.	21st av.	South.	46	540	63.84
8th st.	20th av.	13th av.	Both.	47	270	150.60
8th st.	13th av.	14th av.	Both.	48	147	223.30
8th st.	15th av.	Cedar av.	Both.	49	117.60	186.46
8th st.	20th st.	Bridge.	East.	50	666	66.00
8th st.	Washington av.	5th st.	East.	51	165	95.68
8th st.	3d st.	4th st.	East.	52	922.5	51.24
8th st.	5th st.	6th st.	East.	53	170	50.12
8th st.	6th st.	7th st.	Both.	54	99	44.85
8th st.	Washington av.	2 1/2 st.	Both.	55	478	133.84
8th st.	Washington av.	2 1/2 st.	West.	56	718	201.04
8th st.	Washington av.	2 1/2 st.	East.	57	170	50.12
8th st.	Washington av.	5th st.	Both.	58	716	200.48
8th st.	Riverside av.	7th st.	Both.	59	179	50.12
8th st.	14th av.	Cedar av.	Both.	61	257.25	50.12
8th st.	Cedar av.	19th av.	North.	62	95	36.00
8th st.	In front of Lot 4 and 5, Blk. 166, Minneapolis.		North.	63	13.91	\$4,062.51
8th st.				64	13.91	\$4,062.51

*All built.

SEVENTH WARD.

Bloomington av.	24th st.	25th st	Both	1	1,146	8
cedar av.	24th st.	25th st	Both	2	2,775	20
14th st.	25th st.	26th st	East	3	180	44
Chicago av.	33rd st.	34th st	Both	3	421	76
W. 30th st.	30th st.	31st st	East	4	293	92
18th av.	27th st.	Lake st.	Both	5	787	86
15th av.	26th st.	27th st	Both	6	1,699	06
Lake st.	14th av. S.	Bloomington av.	Both	7	559	1
Lake st.	Bloomington av.	16th av. S.	Both	8	155	70
Lab av. S.	32d st.	33d st.	Both	9	153	21
				10	494	98

TABLE NO. 14.—Continued.
SEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone. Ft. 10ths.	Plank. Ft. 10ths.	Artificial stone.	Plank.
16th av. S.	27th st.	28th st.	Both.	6	10		899.7		\$215.94
17th av. S.	In front of L. 1, B. 3.	Gilpatrick's add.	Both.	8	11		154		43.12
18th av. S.	25th st.	26th st.	Both.	6	12		1,209.4		290.25
19th av. S.	34th st.	37th st.	Both.	6	13		3,698.5		872.80
20th av. S.	37th st.	38th st.	West.	6	14		612.4		146.98
21st st.	In front of L. 1, 2 and 3, B. 3.	Gilpatrick's add.	Both.	8	15		169.6		47.48
22nd st.	17th av. S.	16th av. S.	Both.	6	16		1,101.2		308.34
23rd st.	14th av. S.	Cedar av.	Both.	6	17		1,607.2		460.01
24th st.	18th av. S.	Oedar av.	Both.	6	18		538.4		150.74
25th st.	12th av. S.	Hiawatha av.	North.	6	19		1,002.4		280.67
26th st.	Cedar av.	14th av. S.	Both.	6	20		1,068		291.12
27th st.	17th av. S.	Cedar av.	Both.	6	21		1,079.7		290.12
33d st.	Chicago av.	10th av. S.	Both.	6	22		1,085.8		290.56
34th st.	Bloomington av.	19th av. S.	North.	6	23		835		233.79
				6	24		1,470.5		411.76
							34,798.0		\$8,068.81

EIGHTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone. Ft. 10ths.	Plank. Ft. 10ths.	Artificial stone.	Plank.
Aldrich av.	29th st.	Lake st.	Both.	6	1	1,398.5	676	\$725.10	\$162.24
Blaisdell av.	24th st.	25th st.	West.	6	2		514		143.92
Bryant av.	33d st.	34th st.	East.	6	3		590.7		134.56
Clinton av.	In front of lots 4, 5 and 7.	block 10, Galpin's addition.	East.	6	4		138		33.12
Columbus av.	28th st.	29th st.	East.	6	5		1,211.8		290.84
Dupont av.	H. & D. R.R.	Lake st.	West.	6	6		576.9		138.45
Dupont av.	25th st.	26th st.	East.	6	7		692.9		144.70
Dupont av.	25th st.	Hennepin av.	East.	6	8		1,044.5		290.71
Franklin av.	Nicollet av.	Blaisdell av.	South.	6	9	386.9		369.52	
Fremont av.	28th st.	H. & D. R.R.	West.	6	10		530.6		139.51
5th av. S.	27th st.	28th st.	West.	6	11		606.2		145.40
5th av. S.	33d st.	34th st.	Both.	6	12		2,342		538.19
5th av. S.	In front of lot 4, block 2.	Reede's add.	Both.	6	13	30		30.00	

TABLE NO. 88.

Showing in Detail Expenditures on Account of Extension No. 636, in S. Seventh St. from Fifteenth Ave. S. to Cedar Ave.

1891.		
Dec. 15.	Labor, tools, etc.....	\$629.48
	Eight inch pipe.....	937.87
	Six inch hydrant pipe.....	15.73
	Eight inch pipe connection.....	1.04
	Four hydrants.....	146.00
	One eight inch gate.....	18.50
	One thousand three hundred and seventy-four pounds lead.....	56.61
	One thousand seven hundred and forty-two pounds specials.....	39.20
	Total.....	\$1,844.43

TABLE NO. 89.

Showing in Detail Expenditures on Account of Extension No. 637, in E. Sixteenth St. from Park Ave. to Chicago Ave.

1891.		
Dec. 15.	Labor, tools, etc.....	\$198.38
	Six inch pipe.....	299.74
	Six inch hydrant pipe.....	2.58
	Eight inch pipe connection.....	1.86
	One hydrant.....	36.50
	One six inch gate.....	12.75
	Five hundred and six pounds lead.....	20.85
	Six hundred and eight pounds specials.....	13.68
	Total.....	\$586.36

TABLE NO. 90.

Showing in Detail Expenditures on Account of Extension No. 639, in Sixth St. N. E. from Broadway to Seventeenth Ave. N. E.

1891.		
Dec. 15.	Labor, tools, etc.....	\$2,475.23
	Six inch pipe.....	1,181.97
	Six inch hydrant pipe.....	7.79
	Three hydrants.....	109.50
	Three six inch gates.....	38.25
	One thousand seven hundred and thirty pounds lead.....	71.28
	One thousand and twenty-two pounds specials.....	22.99
	Total.....	\$3,907.01

TABLE NO. 91.

Showing in Detail Expenditures on Account of Extension No. 640, in Six and a half Ave. S. from E. Lake St. to E. Thirty-second St.

1891.		
Dec. 15.	Labor, tools, etc.....	\$358.50
	Six inch pipe.....	608.84
	Six inch hydrant pipe.....	7.79
	Three hydrants.....	109.50
	One six inch gate.....	12.75
	Nine hundred and fifty-four pounds lead.....	30.30
	Eight hundred and sixty-seven pounds specials.....	19.51
	Total.....	\$1,156.19

TABLE NO. 92.

Showing in Detail Expenditures on Account of Extension No. 642, in Tenth Ave. N. from N. 3d St. to Oak Lake Ave.

1891.		
Dec. 15.	Labor, tools, etc.....	\$444.68
	Six inch pipe.....	692.70
	Six inch hydrant pipe.....	10.37
	Six inch pipe connection.....	5.46
	Four hydrants.....	146.00
	Four six inch gates.....	51.00
	One thousand two hundred and forty pounds lead.....	51.09
	One thousand seven hundred and twenty-eight pounds specials.....	38.88
	Total.....	\$1,440.18

TABLE NO. 14.—Continued.
TWELFTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Hiawatha av.....	Lake st.....	32d st.....	Both..	6	1	.....	2,616	.....	\$827.84
Hiawatha av.....	28th st.....	Lake st.....	Both..	6	2	.....	2,764.4	.....	663.42
Minnehaha av.....	28th st.....	32d st.....	West..	6	3	.....	2,749.6	.....	769.89
Minnehaha av.....	Lake st.....	28th av. S.....	East..	6	4	.....	1,096.7	.....	307.97
Snelling av.....	Lake st.....	31st st.....	East..	6	5	.....	723.8	.....	175.71
Snelling av.....	Lake st.....	32d st.....	West..	6	6	.....	1,408.6	.....	338.06
22d av. S.....	31st st.....	32d st.....	Both..	6	7	.....	1,215.4	.....	340.32
23d av. S.....	Hiawatha av.....	Lake st.....	Both..	6	8	.....	446.5	.....	107.16
23d av. S.....	Lake st.....	31st st.....	Both..	6	9	.....	1,220.3	.....	292.87
27th av. S.....	Lake st.....	Minnehaha av.....	East..	6	10	.....	492.2	.....	137.82
						.....	14,733.5	.....	\$3,758.16

THIRTEENTH WARD.

Chicago av.....	34th st.....	35th st.....	West..	6	1	.....	611.6	.....	\$146.78
Nicollet av.....	34th st.....	35th st.....	East..	8	2	.....	2,431.9	.....	680.93
Pleasant av.....	34th st.....	35th st.....	West..	8	3	.....	611.6	.....	171.25
Stevens av.....	24th st.....	35th st.....	Both..	6	4	.....	1,240.7	.....	297.77
34th st.....	Portland av.....	Chicago av.....	South.	8	5	.....	1,043.6	.....	292.20
28th st.....	Nicollet av.....	Chicago av.....	North.	8	6	.....	3,040	.....	851.19
						.....	9,979.4	.....	\$2,440.12

SUMMARY OF TABLE NO. 14.

Width-ft.	Assessment per lineal foot.	Kind.	FIRST WARD.		SECOND WARD.		THIRD WARD.		FOURTH WARD.		FIFTH WARD.		SIXTH WARD.		SEVENTH WARD.	
			Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.
4	20	Plank	30,366.9	\$4,888.06	591.6	\$118.32	267	\$53.40	18,515.7	\$4,443.78	17,168.8	\$4,116.05	11,987.8	3,335.61	26,164.8	\$6,270.55
6	24	Plank			8,256.9	1,981.88	61,149.3	14,675.75	738.4	206.75	2,618.8	732.74	154	61.00	8,653.2	2,417.26
8	28	Plank					11,679.9	3,398.34					1,402.1	602.90		
12	40	Plank											99	44.55		
14	43	Plank											165	66.00		
15	45	Plank														
4	40	Art. St.	12,497.5	7,498.50	17,191.4	10,314.24	4,538.5	2,722.80	12,055.5	7,233.90	217	190.20				
6	60	Art. St.					6,780.9	5,424.72	1,704.8	1,363.84	3,414	2,731.20	686	548.80		
8	80	Art. St.					1,644.5	1,480.05								
9	90	Art. St.					108.5	108.50								
10	1.00	Art. St.					173.4	169.41	347	309.06						
12	1.15	*Art. St.	1,784.5	2,052.18			515.5	747.48					108	235.20		
14	1.35	*Art. St.					1,333	2,130.25			585.9	1,025.33	825	1,196.26		
15	1.45	*Art. St.											147	257.25		
18	1.75	*Art. St.														
		Totals...	34,648.9	\$14,438.74	26,039.9	\$12,414.44	88,190.5	\$30,810.70	33,361.4	\$13,646.73	24,004.5	\$8,736.42	15,633.9	\$6,366.17	34,708	\$8,696.81
			EIGHTH WARD.		NINTH WARD.		TENTH WARD.		ELEVENTH WARD.		TWELFTH WARD.		THIRTEENTH WARD.		TOTALS.	
4	20	Plank	877.8	\$175.56			24,753.3	\$5,939.72	8,737.7	\$2,007.00	9,179.6	\$2,203.06	1,852.3	\$444.55	1,736.4	\$347.28
6	24	Plank	19,502	4,680.08	8,337.6	\$2,001.04	4,028.3	1,128.36	20,165.6	5,645.36	5,553.9	1,555.10	7,127.1	1,995.57	223,984.9	53,752.02
8	28	Plank	6,649.3	1,861.82					514.8	295.02					70,182.3	22,164.91
12	40	Plank													608.8	207.52
14	43	Plank													1,402.1	602.90
15	45	Plank													99	44.55
4	40	Art. St.	5,166.2	3,099.72			1,463.1	877.80							165	66.00
6	60	Art. St.	3,314.6	2,651.08	6,833.3	4,090.98	2,133.8	1,707.04							50,902.5	35,076.00
8	80	Art. St.													18,034.1	14,427.28
9	90	Art. St.													1,644.5	1,480.05
10	1.00	Art. St.													108.5	108.50
12	1.15	*Art. St.													2,304.9	2,650.05
14	1.35	*Art. St.	991.9	1,262.66											1,069.9	1,497.86
15	1.45	*Art. St.							779.1	984.69					2,019.6	2,028.43
18	1.75	*Art. St.													2,065.9	3,412.83
		Totals...	36,411.8	\$13,732.12	15,170.9	\$6,101.02	28,781.6	\$7,068.08	33,694.1	\$11,517.87	14,733.5	\$3,758.16	8,979.4	\$2,440.12	394,448.4	\$139,727.38

74.7 miles.

*Artificial stone (including curb.)

TABLE NO. 14—(Continued).
SIXTH WARD.

STREET.	FROM—	TO—	SIDE.	Width.	No. of assess- mentroll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Cedar av.	Washington av.	3d st.	Both.	15	1	656		\$351.21	
Cedar av.	4th st.	5th st.	Both.	15	2	109		245.05	
11th av. S.	Washington av.	2d st.	West.	9	3	65		52.00	
11th av. S.	Washington av.	2d st.	East.	9	4	65		52.00	
18th st. S.	12th av.	14th av.	South.	8	5		212		850.65
4th st. S.	In front of Lot 2, Blk. 6, Han-	cock & Rice's addition.		8	6		50		14.00
4th st. S.	14th av.	15th av.	North.	9	7		100		44.80
4th st. S.	14th av.	19th av.	South.	9	8		121		33.88
4th st. S.	Riverside av.	23d av.	North.	9	9				
4th st. S.	In front of Lot 7 and 8, Blk.	4, Atwater's addition.	North.	10	10		124		44.72
5th st. S.	12th av.	14th av.	Both.	9	11		122		17.36
5th st. S.	12th av.	13th av.	Both.	9	12		103		46.20
5th st. S.	15th av.	16th av.	Both.	8	13		647.1		181.18
5th st. S.	16th av.	Cedar av.	North.	9	14		289		80.92
5th st. S.	20th av.	22d av.	North.	9	15		144		40.32
14th av. S.	3d st.	4th st.	East.	9	16		209		58.32
14th av. S.	6th st.	7th st.	East.	9	17		359		100.32
15th av. S.	6th st.	8th st.	Both.	9	18		212		59.36
15th av. S.	In front of rear 57 ft., Lot 1,	Blk. 16, Atwater's addition.		9	19				
Locust st.	22d av. S., to north-easterly	line, Atwater's 3d addition.	South.	9	20		74		17.76
19th av. S.	Bluff st.	1st st.	East.	12	21		308		86.24
19th av. S.	Washington av.	2d st.	East.	12	22		30		12.00
19th av. S.	Washington av.	2½ st.	East.	9	23		180		50.40
19th av. S.	Riverside av.	6th st.	Both.	9	24		718.8		261.26
19th av. S.	In front of Lot 8 and 9, Blk.	2, Hancock & Rice's add.		9	25		127.4		35.67
19th av. S.	Rear 40 ft. of Lot 6, Blk. 170,	Minneapolis.		9	26		40		11.20
Riverside av.	Cedar av.	7th st.	Both.	14	27		1,170.6		507.22
2d st. S.	16th av.	11th av.	Both.	14	28	108		236.20	
2d st. S.	12th av.	13th av.	Both.	8	29		716		200.48
2d st. S.	16th av.	20th av.	Both.	8	30		288		100.24
2d st. S.	In front of Lot 1, Blk. 2, Han-	cock & Rice's addition.	North.	12	31		60		27.60
6th st. S.	11th av.	12th av.	Both.	8	32		248		69.44
6th st. S.	16th av.	17th av.	Both.	8	33		140		39.20

*All built.

SIXTH WARD

6th st.	19th av.	20th av.	North.	34	132	\$36.96
6th st.	In front of Lot 1, Blk. 11, A	water's addition.		35		
6th st.	In front of Lot 2, Blk. 10, A	water's addition.		36		
6th st.	In front of Lot 1 and 2, Blk. 188, Minneapolis.			37		
7th st.	15th av.	16th av.	North.	38	146	40.88
7th st.	16th av.	17th av.	North.	39	419.5	40.80
7th st.	17th av.	18th av.	North.	40	578	41.84
7th st.	19th av.	20th av.	North.	41	132	42.06
7th st.	22d st.	Riverside av.	North.	42		
7th st.	In front of Lot 5, Blk. 20, A	water's addition.		43		
7th st.	In front of Lot 1 and 2, Blk. 19, Atwater's addition.			44		\$104.00
7th st.	Cedar av.	5th st.	Both.	45	130	
7th st.	Cedar av.	6th st.	Both.	46	612	
7th st.	Cedar av.	10th av.	Both.	47	386	
7th st.	20th av.	19th av.	South.	48	228	63.84
7th st.	21st av.	22d st.	Both.	49	540	136.60
7th st.	12th av.	13th av.	North.	50	270	
7th st.	13th av.	14th av.	South.	51	147	
7th st.	14th av.	Cedar av.	Both.	52		
7th st.	15th av.	Bridge.	Both.	53	666	186.46
7th st.	2d st.	5th st.	East.	54	66.00	
7th st.	Washington av.	2d st.	East.	55	222.5	65.68
7th st.	3d st.	4th st.	East.	56	183	51.24
7th st.	5th st.	6th st.	East.	57	179	50.12
7th st.	6th st.	7th st.	Both.	58	99	44.55
7th st.	Washington av.	2 1/2 st.	Both.	59	478	133.84
7th st.	Washington av.	3d st.	West.	60	718	201.04
7th st.	Washington av.	2 1/2 st.	East.	61	170	50.12
7th st.	Washington av.	5th st.	Both.	62	716	50.12
7th st.	Washington av.	7th st.	Both.	63	179	50.12
7th st.	Riverside av.	Cedar av.	North.	64	147	
7th st.	14th av.	19th av.	North.	65	257.25	
7th st.	Cedar av.	166, Minneapolis.	North.	66	95	26.60
7th st.	In front of Lot 4 and 5, Blk. 166, Minneapolis.			67		
7th st.				68		
7th st.				69		
7th st.				70		
7th st.				71		
7th st.				72		
7th st.				73		
7th st.				74		
7th st.				75		
7th st.				76		
7th st.				77		
7th st.				78		
7th st.				79		
7th st.				80		
7th st.				81		
7th st.				82		
7th st.				83		
7th st.				84		
7th st.				85		
7th st.				86		
7th st.				87		
7th st.				88		
7th st.				89		
7th st.				90		
7th st.				91		
7th st.				92		
7th st.				93		
7th st.				94		
7th st.				95		
7th st.				96		
7th st.				97		
7th st.				98		
7th st.				99		
7th st.				100		
7th st.				101		
7th st.				102		
7th st.				103		
7th st.				104		
7th st.				105		
7th st.				106		
7th st.				107		
7th st.				108		
7th st.				109		
7th st.				110		
7th st.				111		
7th st.				112		
7th st.				113		
7th st.				114		
7th st.				115		
7th st.				116		
7th st.				1		

*All built.

SEVENTH WARD.

[illegible]

TABLE NO. 14.—Continued.
SEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
16th av. S.	27th st.	26th st.	Both.	6	10		896.7		\$215.94
17th av. S.	In front of L. 1, B. 3.	Gilpatrick's add.	Both.	6	11		154		43.12
18th av. S.	25th st.	26th st.	Both.	6	12		1,290.4		290.25
19th av. S.	34th st.	37th st.	Both.	6	13		3,636.5		872.80
20th av. S.	37th st.	38th st.	West.	6	14		612.4		146.98
21st av. S.	In front of L. 1, 2 and 3, B. 3.	Gilpatrick's add.	Both.	6	15		189.6		47.48
22nd st.	17th av. S.	16th av. S.	Both.	6	16		1,101.2		308.34
23rd st.	14th av. S.	Cedar av.	Both.	6	17		1,007.2		460.01
24th st.	18th av. S.	Oedar av.	Both.	6	18		538.4		150.74
25th st.	Cedar av.	Hiawatha av.	North.	6	19		1,002.4		280.67
26th st.	12th av. S.	14th av. S.	Both.	6	20		1,088		291.12
27th st.	17th av. S.	Cedar av.	Both.	6	21		1,079.7		239.12
33d st.	Chicago av.	10th av. S.	Both.	6	22		1,085.8		290.56
34th st.	Bloomington av.	10th av. S.	Both.	6	23		835		233.79
		10th av. S.	North.	6	24		1,470.5		411.76
							34,708.0		\$8,606.81

EIGHTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Aldrich av.	29th st.	Lake st.	Both.	6	1	1,398.5	676	\$725.10	\$162.24
Blaisdell av.	24th st.	25th st.	West.	6	2		514		143.92
Bryant av.	52d st.	33rd st.	East.	6	3		590.7		154.56
Clinton av.	In front of lots 4, 5 and 7.	block 10, Galpin's addition.	East.	6	4		138		32.12
Columbus av.	29th st.	28th st.	East.	6	5		1,211.8		290.84
Columbus av.	H. & D. R.R.	Lake st.	East.	6	6		576.9		138.45
Dupont av.	25th st.	26th st.	West.	6	7		692.9		144.70
Dupont av.	25th st.	26th st.	East.	6	8		1,044.5		250.71
Franklin av.	Nicollet av.	Henneplein av.	South.	6	9	386.9		309.52	
Franklin av.	28th st.	H. & D. R.R.	West.	6	10		539.6		139.51
Fremont av.	27th st.	28th st.	West.	6	11		606.2		145.49
5th av. S.	32d st.	34th st.	Both.	6	12		2,242		538.19
5th av. S.	In front of lot 4, block 2.	Beede's 2d addition.	Both.	6	13	50		30.00	

EIGHTH WARD.

Motor av.	29th st.	Lake st.	West	15	563.5	504.80	\$157.78
Nicollet av.	31st st.	Lake st.	Both	16	87.8		175.56
Nicollet av.	H. & D. R. R.	Lake st.	East	17		\$404.80	
Park av.	31st st.	Lake st.	West	18	506	627.4	175.67
Park av.	In front of lots 3 and 4, block 1.	Lake st.		19	74	59.30	
Pillsbury av.	29th st.	Lake st.	East	20	374		104.72
Pleasant av.	24th st.	Lake st.	West	21	605.3		169.40
Pleasant av.	25th st.	Lake st.	Both	22	1,039.3		201.03
Pleasant av.	26th st.	Lake st.	Both	23		873.28	
Pleasant av.	27th st.	Lake st.	West	24	631.8	505.44	
Pleasant av.	28th st.	Lake st.	East	25	624.3	400.44	
Pleasant av.	29th st.	Lake st.	East	26	473.4	284.04	
Pleasant av.	30th st.	Lake st.	East	27	64.8	38.88	
Pleasant av.	31st st.	Lake st.	Both	28	485.7	291.42	13.32
Pleasant av.	32nd st.	Lake st.	West	29	610.4		146.50
Pleasant av.	33rd st.	Lake st.	West	30	1,015		243.60
Pleasant av.	34th st.	Lake st.	Both	31	687.6		165.02
Pleasant av.	35th st.	Lake st.	East	32	530		127.21
Pleasant av.	36th st.	Lake st.	South	33	657.6	304.56	
Pleasant av.	37th st.	Lake st.	North	34	726.6	435.06	
Pleasant av.	38th st.	Lake st.	North	35	521	312.00	
Pleasant av.	39th st.	Lake st.	North	36	716	429.60	
Pleasant av.	40th st.	Lake st.	South	37			130.32
Pleasant av.	41st st.	Lake st.	South	38	1,154.7		277.13
Pleasant av.	42nd st.	Lake st.	North	39	534.3		128.34
Pleasant av.	43rd st.	Lake st.	North	40	130.5		31.32
Pleasant av.	44th st.	Lake st.	South	41	194.9		46.78
Pleasant av.	45th st.	Lake st.	North	42	533.8		135.32
Pleasant av.	46th st.	Lake st.	South	43	280.5		67.32
Pleasant av.	47th st.	Lake st.	South	44	533.9		149.50
Pleasant av.	48th st.	Lake st.	Both	45	301.9	1,362.66	
Pleasant av.	49th st.	Lake st.	North	46	286.7		63.81
Pleasant av.	50th st.	Lake st.	South	47	362.6	157.56	
Pleasant av.	51st st.	Lake st.	South	48	223		62.44
Pleasant av.	52nd st.	Lake st.	South	49	535.4		297.40
Pleasant av.	53rd st.	Lake st.	South	50	821.4		197.14
Pleasant av.	54th st.	Lake st.	South	51	543		139.32
Pleasant av.	55th st.	Lake st.	South	52	1,096		263.04
Pleasant av.	56th st.	Lake st.	South	53			169.02
Pleasant av.	57th st.	Lake st.	South	54	788.2		181.18
Pleasant av.	58th st.	Lake st.	North	55	398.5		72.80
Pleasant av.	59th st.	Lake st.	North	56	298.5		50.06
Pleasant av.	60th st.	Lake st.	North	57	531.4		122.32
Pleasant av.	61st st.	Lake st.	North	58	933.5		206.38
Pleasant av.	62nd st.	Lake st.	North	59			
Pleasant av.	63rd st.	Lake st.	North				
Pleasant av.	64th st.	Lake st.	North				
Pleasant av.	65th st.	Lake st.	North				
Pleasant av.	66th st.	Lake st.	North				
Pleasant av.	67th st.	Lake st.	North				
Pleasant av.	68th st.	Lake st.	North				
Pleasant av.	69th st.	Lake st.	North				
Pleasant av.	70th st.	Lake st.	North				
Pleasant av.	71st st.	Lake st.	North				
Pleasant av.	72nd st.	Lake st.	North				
Pleasant av.	73rd st.	Lake st.	North				
Pleasant av.	74th st.	Lake st.	North				
Pleasant av.	75th st.	Lake st.	North				
Pleasant av.	76th st.	Lake st.	North				
Pleasant av.	77th st.	Lake st.	North				
Pleasant av.	78th st.	Lake st.	North				
Pleasant av.	79th st.	Lake st.	North				
Pleasant av.	80th st.	Lake st.	North				
Pleasant av.	81st st.	Lake st.	North				
Pleasant av.	82nd st.	Lake st.	North				
Pleasant av.	83rd st.	Lake st.	North				
Pleasant av.	84th st.	Lake st.	North				
Pleasant av.	85th st.	Lake st.	North				
Pleasant av.	86th st.	Lake st.	North				
Pleasant av.	87th st.	Lake st.	North				
Pleasant av.	88th st.	Lake st.	North				
Pleasant av.	89th st.	Lake st.	North				
Pleasant av.	90th st.	Lake st.	North				
Pleasant av.	91st st.	Lake st.	North				
Pleasant av.	92nd st.	Lake st.	North				
Pleasant av.	93rd st.	Lake st.	North				
Pleasant av.	94th st.	Lake st.	North				
Pleasant av.	95th st.	Lake st.	North				
Pleasant av.	96th st.	Lake st.	North				
Pleasant av.	97th st.	Lake st.	North				
Pleasant av.	98th st.	Lake st.	North				
Pleasant av.	99th st.	Lake st.	North				
Pleasant av.	100th st.	Lake st.	North				
Pleasant av.	101st st.	Lake st.	North				
Pleasant av.	102nd st.	Lake st.	North				
Pleasant av.	103rd st.	Lake st.	North				
Pleasant av.	104th st.	Lake st.	North				
Pleasant av.	105th st.	Lake st.	North				
Pleasant av.	106th st.	Lake st.	North				
Pleasant av.	107th st.	Lake st.	North				
Pleasant av.	108th st.	Lake st.	North				
Pleasant av.	109th st.	Lake st.	North				
Pleasant av.	110th st.	Lake st.	North				
Pleasant av.	111st st.	Lake st.	North				
Pleasant av.	112nd st.	Lake st.	North				
Pleasant av.	113rd st.	Lake st.	North				
Pleasant av.	114th st.	Lake st.	North				
Pleasant av.	115th st.	Lake st.	North				
Pleasant av.	116th st.	Lake st.	North				
Pleasant av.	117th st.	Lake st.	North				
Pleasant av.	118th st.	Lake st.	North				
Pleasant av.	119th st.	Lake st.	North				
Pleasant av.	120th st.	Lake st.	North				
Pleasant av.	121st st.	Lake st.	North				
Pleasant av.	122nd st.	Lake st.	North				
Pleasant av.	123rd st.	Lake st.	North				
Pleasant av.	124th st.	Lake st.	North				
Pleasant av.	125th st.	Lake st.	North				
Pleasant av.	126th st.	Lake st.	North				
Pleasant av.	127th st.	Lake st.	North				
Pleasant av.	128th st.	Lake st.	North				
Pleasant av.	129th st.	Lake st.	North				
Pleasant av.	130th st.	Lake st.	North				
Pleasant av.	131st st.	Lake st.	North				
Pleasant av.	132nd st.	Lake st.	North				
Pleasant av.	133rd st.	Lake st.	North				
Pleasant av.	134th st.	Lake st.	North				
Pleasant av.	135th st.	Lake st.	North				
Pleasant av.	136th st.	Lake st.	North				
Pleasant av.	137th st.	Lake st.	North				
Pleasant av.	138th st.	Lake st.	North				
Pleasant av.	139th st.	Lake st.	North				
Pleasant av.	140th st.	Lake st.	North				
Pleasant av.	141st st.	Lake st.	North				
Pleasant av.	142nd st.	Lake st.	North				
Pleasant av.	143rd st.	Lake st.	North				
Pleasant av.	144th st.	Lake st.	North				
Pleasant av.	145th st.	Lake st.	North				
Pleasant av.	146th st.	Lake st.	North				
Pleasant av.	147th st.	Lake st.	North				
Pleasant av.	148th st.	Lake st.	North				
Pleasant av.	149th st.	Lake st.	North				
Pleasant av.	150th st.	Lake st.	North				
Pleasant av.	151st st.	Lake st.	North				
Pleasant av.	152nd st.	Lake st.	North				
Pleasant av.	153rd st.	Lake st.	North				
Pleasant av.	154th st.	Lake st.	North				
Pleasant av.	155th st.	Lake st.	North				
Pleasant av.	156th st.	Lake st.	North				
Pleasant av.	157th st.	Lake st.	North				
Pleasant av.	158th st.	Lake st.	North				
Pleasant av.	159th st.	Lake st.	North				
Pleasant av.	160th st.	Lake st.	North				
Pleasant av.	161st st.	Lake st.	North				
Pleasant av.	162nd st.	Lake st.	North				
Pleasant av.	163rd st.	Lake st.	North				
Pleasant av.	164th st.	Lake st.	North				
Pleasant av.	165th st.	Lake st.	North				
Pleasant av.	166th st.	Lake st.	North				
Pleasant av.	167th st.	Lake st.	North				
Pleasant av.	168th st.	Lake st.	North				
Pleasant av.	169th st.	Lake st.	North				
Pleasant av.	170th st.	Lake st.	North				
Pleasant av.	171st st.	Lake st.	North				
Pleasant av.	172nd st.	Lake st.	North				
Pleasant av.	173rd st.	Lake st.	North				
Pleasant av.	174th st.	Lake st.	North				
Pleasant av.	175th st.	Lake st.	North				
Pleasant av.	176th st.	Lake st.	North				
Pleasant av.	177th st.	Lake st.	North				
Pleasant av.	178th st.	Lake st.	North				
Pleasant av.	179th st.	Lake st.	North				
Pleasant av.	180th st.	Lake st.	North				
Pleasant av.	181st st.	Lake st.	North				
Pleasant av.	182nd st.	Lake st.	North				
Pleasant av.	183rd st.	Lake st.	North				
Pleasant av.	184th st.	Lake st.	North				
Pleasant av.	185th st.	Lake st.	North				
Pleasant av.	186th st.	Lake st.	North				
Pleasant av.	187th st.	Lake st.	North				
Pleasant av.	188th st.	Lake st.	North				
Pleasant av.	189th st.	Lake st.	North				
Pleasant av.	190th st.	Lake st.	North				
Pleasant av.	191st st.	Lake st.	North				
Pleasant av.	192nd st.	Lake st.	North				
Pleasant av.	193rd st.	Lake st.	North				
Pleasant av.	194th st.	Lake st.	North				
Pleasant av.	195th st.	Lake st.	North				
Pleasant av.	196th st.	Lake st.	North				
Pleasant av.	197th st.	Lake st.	North				
Pleasant av.	198th st.	Lake st.	North				
Pleasant av.	199th st.	Lake st.	North				
Pleasant av.	200th st.	Lake st.	North				
Pleasant av.	201st st.	Lake st.	North				
Pleasant av.	202nd st.	Lake st.	North				
Pleasant av.	203rd st.	Lake st.	North				
Pleasant av.	204th st.	Lake st.	North				
Pleasant av.	205th st.	Lake st.	North				
Pleasant av.	206th st.	Lake st.	North				
Pleasant av.	207th st.	Lake st.	North				
Pleasant av.	208th st.	Lake st.	North				
Pleasant av.	209th st.	Lake st.	North				
Pleasant av.	210th st.	Lake st.	North				
Pleasant av.	211st st.	Lake st.	North				
Pleasant av.	212nd st.	Lake st.	North				
Pleasant av.	213rd st.	Lake st.	North				
Pleasant av.	214th st.	Lake st.	North				
Pleasant av.	215th st.	Lake st.	North				
Pleasant av.	216th st.	Lake st.	North				
Pleasant av.	217th st.	Lake st.	North				
Pleasant av.	218th st.	Lake st.	North				
Pleasant av.	219th st.	Lake st.	North				
Pleasant av.	220th st.	Lake st.	North				
Pleasant av.	221st st.	Lake st.	North				
Pleasant av.	222nd st.	Lake st.	North				
Pleasant av.	223rd st.	Lake st.	North				
Pleasant av.	224th st.	Lake st.	North				
Pleasant av.	225th st.	Lake st.	North				
Pleasant av.	226th st.	Lake st.	North				
Pleasant av.	227th st.	Lake st.	North				
Pleasant av.	228th st.	Lake st.	North				
Pleasant av.	229th st.	Lake st.	North				
Pleasant av.	230th st.	Lake st.	North				
Pleasant av.	231st st.	Lake st.	North				
Pleasant av.	232nd st.	Lake st.	North				
Pleasant av.	233rd st.	Lake st.	North				
Pleasant av.	234th st.	Lake st.	North				
Pleasant av.	235th st.	Lake st.	North				
Pleasant av.	236th st.	Lake st.	North				
Pleasant av.	237th st.	Lake st.	North				

TABLE NO. 1—Continued.

RECORD OF PUMP NO. 4 (West Side.)

MONTHS.	Time in operation.		Pressure	Total gallons pumped.
	Hours.	Min.		
January.....				
February.....	43	45	75	4,645,400
March.....	42		75	3,761,200
April.....				
May.....	3		75	445,000
June.....	45		75	3,461,400
July.....	35	15	76	3,025,000
August.....	27	05	75	2,046,560
September.....		45	75	134,000
October.....				
November.....				
December.....				
Total.....	106	50	75	18,118,560

RECORD OF PUMP NO. 5. (West Side.)

MONTHS.	Time in Operation.		Pressure	Total gallons pumped.
	Hours.	Min.		
January.....				
February.....	8	10	75	426,560
March.....	3	40	75	2,290,300
April.....	8		75	2,297,310
May.....	244	10	75	67,853,427
June.....	388		75	99,166,412
July.....	492	45	76	135,598,002
August.....	98	5	75	26,217,137
September.....	38	36	75	11,050,210
October.....	112	15	75	28,020,230
November.....	38	20	75	11,204,300
December.....				
Total.....	1,432		75	384,060,888

RECORD OF PUMP NO. 6. (West Side.)

MONTHS.	Time in Operation.		Pressure	Total gallons pumped.
	Hours.	Min.		
January.....	477	50	75	82,976,720
February.....	35		75	8,066,300
March.....				
April.....	408		75	73,425,920
May.....	508	45	75	112,477,920
June.....	694		75	160,137,120
July.....	647		76	162,117,120
August.....	103		75	46,340,720
September.....	195		75	56,583,600
October.....	183	15	75	37,177,120
November.....	102	15	75	27,128,400
December.....				
Total.....	3,534	15	75	766,430,840

Total gallons pumped, West Side.....	1,189,640,678
Daily average, West Side.....	3,250,290
Cost of pumping 1,000,000 gallons.....	\$6.81

TABLE NO. 14.—Continued.
TWELFTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Hiawatha av.....	Lake st.....	32d st.....	Both.....	6	1	.....	2,016	.....	\$927.84
Hiawatha av.....	28th st.....	Lake st.....	Both.....	6	2	.....	2,704.4	.....	603.42
Minnehaha av.....	32d st.....	32d st.....	West.....	6	3	.....	2,740.6	.....	709.89
Minnehaha av.....	Lake st.....	28th av. S.....	East.....	8	4	.....	1,096.7	.....	307.97
Snelling av.....	Lake st.....	31st st.....	East.....	8	5	.....	723.8	.....	178.71
Snelling av.....	Lake st.....	32d st.....	West.....	8	6	.....	1,408.6	.....	338.06
23d av. S.....	31st st.....	32d st.....	Both.....	6	7	.....	1,215.4	.....	340.32
23d av. S.....	Hiawatha av.....	Lake st.....	Both.....	6	8	.....	446.5	.....	107.16
23d av. S.....	Lake st.....	31st st.....	Both.....	6	9	.....	1,220.3	.....	292.87
27th av. S.....	Lake st.....	Minnehaha av.....	East.....	8	10	.....	492.2	.....	137.82
						.....	14,733.5	.....	\$3,758.16

THIRTEENTH WARD.

Chicago av.....	34th st.....	35th st.....	West.....	6	1	.....	611.6	.....	\$146.78
Nicollet av.....	34th st.....	35th st.....	East.....	8	2	.....	2,431.9	.....	680.93
Pleasant av.....	34th st.....	35th st.....	West.....	8	3	.....	611.6	.....	171.25
Stevens av.....	34th st.....	35th st.....	Both.....	8	4	.....	1,240.7	.....	297.77
34th st.....	Portland av.....	Chicago av.....	South.....	8	5	.....	1,043.6	.....	292.20
35th st.....	Nicollet av.....	Chicago av.....	North.....	8	6	.....	3,040	.....	851.19
						.....	8,979.4	.....	\$2,440.12

SUMMARY OF TABLE NO. 14.

Width-ft.	Assessment per lineal foot.	Kind.	FIRST WARD.		SECOND WARD.		THIRD WARD.		FOURTH WARD.		FIFTH WARD.		SIXTH WARD.		SEVENTH WARD.	
			Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.	Length, feet.	Assessment.
4	20	Plank	20,366.9	591.6	\$118.32	287	\$53.40	18,515.7	84,443.78	17,168.8	\$4,116.95	11,987.8	154	602.90	26,161.8	\$6,279.55
6	24	Plank	8,256.9	8,256.9	1,981.88	61,140.3	14,675.75	738.4	2,618.8	2,618.8	732.74	3,385.61	61.60	3,385.61	8,633.2	\$2,417.26
8	28	Plank				11,679.9	3,268.34									
12	40	Plank														
14	43	Plank														
15	45	Plank														
4	40	Art. St.														
6	60	Art. St.	12,407.5	7,408.50	10,314.24	4,538.5	2,722.80	12,055.5	7,253.40	217	130.30	686	165	44.55	1,402.1	602.90
8	80	Art. St.				6,780.9	5,424.72	1,794.8	1,363.84	3,414	2,731.20	686	165	44.55	1,402.1	602.90
10	100	Art. St.				1,641.5	1,480.05									
12	120	Art. St.				108.5	108.50									
14	135	Art. St.	1,784.5	2,052.18		173.4	169.41	347	399.06							
16	150	Art. St.				515.5	747.48									
18	175	Art. St.				1,333	2,130.25									
		Totals	34,648.9	\$14,428.74	26,039.9	\$12,414.44	88,190.5	\$30,810.70	33,361.4	\$13,646.78	24,004.5	\$8,736.42	15,633.9	\$6,366.17	34,708	\$8,096.81
			EIGHTH WARD.		NINTH WARD.		TENTH WARD.		ELEVENTH WARD.		TWELFTH WARD.		THIRTEENTH WARD.		TOTALS.	
4	20	Plank	87.8	\$175.56	8,337.6	\$2,001.04	24,753.3	\$5,039.72	8,737.7	\$2,007.00	9,179.6	\$2,303.06	1,859.3	\$444.55	1,736.4	\$347.25
6	24	Plank	10,502	4,680.08			4,028.3	1,128.36	20,105.6	5,645.36	5,553.9	1,555.10	7,127.1	1,905.57	223,984.9	53,752.62
8	28	Plank	6,649.3	1,861.52					514.8	265.92					79,182.3	22,164.91
12	40	Plank													608.8	267.52
14	43	Plank													1,492.1	602.90
15	45	Plank													60	44.55
4	40	Art. St.													165	60
6	60	Art. St.	3,166.2	3,099.72	6,533.3	4,009.98	1,433.1	877.80	1,433.1	877.80					59,982.5	35,970.00
8	80	Art. St.	3,314.6	2,651.08			2,153.8	1,707.04	2,153.8	1,707.04					18,034.1	14,427.28
9	90	Art. St.													1,644.5	1,480.05
10	100	Art. St.													108.5	108.50
12	120	Art. St.													2,304.9	2,507.65
14	135	Art. St.	901.9	1,362.66											1,090.9	1,497.98
15	145	Art. St.													2,010.6	2,628.43
18	175	Art. St.													2,065.9	2,412.83
		Totals	36,411.8	\$13,732.12	15,170.9	\$6,101.02	28,781.6	\$7,008.08	33,694.1	\$11,517.87	14,733.5	\$3,758.16	8,979.4	\$2,440.12	394,448.4	\$136,727.38

74.7 miles.

*Artificial stone (including curb.)

TABLE No. 15.
ADDITIONS TO MINNEAPOLIS, APPROVED 1891.

NAME OF ADDITION OR SUBDIVISION.	Date approved.	No. of Lots.	pl c r m S
Austin's rearrang't block 4, Murphy & Sully's amd't.	June 12..	16	
Baker & McCoy's addition to Minneapolis.....	May 27...	7	
Basting's Theo. to Minneapolis.....	Feb. 27...	12	
Beltz rearrangement of Boffeding's.....	July 10...	19	
Clow's rearrangement block 11, Glencar.....	July 10...	31	
Collins' addition to Minneapolis.....	Feb. 27...	19	
Gale's subdivision block 49, Sherburn & Beebe.....	Nov. 13...	15	
Hardy's addition to Minneapolis.....	July 10...	14	
Harvey's addition to Minneapolis.....	Aug. 12...	86	
Kemmerer's addition to Minneapolis.....	Sept. 25...	6	
Kletzin's 2d addition to Minneapolis.....	Sept. 11...	48	
Mendenhall's addition to Minnehaha Park.....	Feb. 27...	58	
Mendoza Park.....	Feb. 27...	661	
Newell's subdivision block 1, Cutter's.....	Apr. 24...	36	
Paul's rearrangement block 9, Kenwood.....	May 13...	3	
Patnode's addition to Minneapolis.....	July 10...	18	
Peter's 2d addition to Minneapolis.....	Apr. 24...	28	
Peteler & Goodrich addition to Minneapolis.....	Sept. 11...	92	
Pillsbury's addition to Minnehaha Park.....	Feb. 27...	127	
Redfield's addition to Minneapolis.....	Sept. 11...	84	
Runyan's addition to Minnehaha Park.....	Feb. 27...	40	
Scott's J. W. addition to Minneapolis.....	May 27...	5	
Vine Place addition to Minneapolis.....	May 27...	37	
Ward's addition to Minneapolis.....	Feb. 27...	8	
Wagner D. R. addition to Minneapolis.....	May 27...	9	
Totals.....		1481	
Acres, 85.703.			

TABLE No. 16.
NEW BRIDGES COMPLETED AND UNDER CONSTRUCTION. BRIDGE
AND MAINTENANCE.
BRIDGES COMPLETED IN 1891.

Over railroad on Laurel avenue.....	Ex
Under railroad on 15th av. S. E.....	
Over Bassett's creek on Penn av.....	
*Over N. P. R. R. on 4th av. N.....	
*Over Gt. N. Ry. on 15th av. S. E. at 4th St.....	
*Over Gt. N. Ry. on 1st st. N.....	
*Over Gt. N. Ry. on Washington av.....	
*Over Gt. N. Ry. on Hennepin av.....	
BRIDGES UNDER CONSTRUCTION.	
*Second st. N. over railroad.....	
Third st. N. over railroad.....	
Fourth st. N. over railroad.....	
Fifth st. N. over railroad.....	
REPAIRS AND MAINTENANCE.	
Steel arch bridge over Mississippi river.....	
Lake st. bridge over Mississippi river.....	
Franklin av. bridge over Mississippi river.....	
Washington av. bridge over Mississippi river.....	
Tenth av. S. bridge over Mississippi river.....	
Plymouth av. bridge over Mississippi river.....	
Stone arch bridge over Mississippi river.....	
Twentieth av. N. bridge over Mississippi river.....	
Bridge over railroads on 2d st. N.....	
Bridge over railroads on 4th av. N.....	
Bridge over railroads on Washington av. approach.....	
Bridge over railroads on Holden st.....	
Bridge over railroads on Western av. near Upton.....	
Bridge over railroads on 15th av. S. E. at 4th st.....	
Bridge over railroads on Superior av.....	
Bridge over railroads on Hennepin av.....	
Bridge over Minnehaha creek on Lyndale av.....	
Bridge over Bassett's creek on 6th av. N. near Keegan's lake.....	
Bridge over 20th av. N. on 1st st.....	
Tools and general repairs.....	
Total.....	
*Built by railway company.	

TABLE NO. 17.

AMOUNT AND COST OF LUMBER USED UNDER THE DIRECTION OF THE
CITY ENGINEER'S DEPARTMENT, 1891.

WARD, ETC.	NUMBER OF FEET BOARD MEASURE.				Total feet.	Total cost.
	Streets.	Culverts and cross-walks.	Sidewalk repairs	Sidewalk.		
First.....	1,440	11,109	1,836	164,795	179,270	\$1,956.90
Second.....		19,693	13,804	95,734	129,231	1,451.29
Third.....		40,755	14,244	695,094	660,093	7,194.34
Fourth.....	20,046	22,120	2,160	284,672	328,998	3,625.26
Fifth.....		18,000	11,400	139,212	168,612	1,849.93
Sixth.....	5,344	14,640	2,240	149,817	172,041	1,893.21
Seventh.....	156	6,870	5,500	175,624	188,150	2,052.64
Eighth.....		86,199		268,089	354,288	3,943.83
Ninth.....	324	6,336	1,200	381,939	389,799	3,229.07
Tenth.....		13,328		259,117	272,445	2,973.07
Eleventh.....	4,000	14,147	12,515	23,265	53,927	604.15
Twelfth.....	1,768	13,066	6,266	76,008	97,108	1,070.18
Thirteenth.....	96	11,859		124,320	136,272	1,489.20
City Hall repairs.....					7,965	943.41
C. B. paving repairs.....					6,200	75.20
Bridges and bridge reprs.....					757,871	9,576.73
C. B. paving.....					2,224	26.69
Conduits-brush.....					532	5.56
City scales.....					3,433	59.06
Dumps.....					14,432	173.18
Ice water fountains.....					6,253	71.88
Harvest festival float.....					453	4.93
Sewers.....					542,961	5,786.84
Total pine lumber.....	33,174	278,212	71,165	2,747,686	4,472,561	\$50,356.55
OAK.						
City Hall.....					335	11.03
Bridges and bridge reprs.....					59,432	1,085.09
City scales.....					616	18.48
Sewers.....					150	6.00
Total oak lumber.....					60,533	\$1,120.60

TABLE NO. 18.

PUBLIC BUILDINGS, REPAIRS, WATERING FOUNTAINS, ETC., AS DIRECTED
BY THE CITY ENGINEER'S DEPARTMENT, 1891.

City hall—repairs, ventilation, furniture, etc.....	\$8,801.78
Dumps.....	183.24
Watering troughs and fountains located as follows:—Watering fountains for horses (new) Washington av. N. and 36th av.; 36th st. and Calhoun boulevard; 20th av. N. and 2d st.; Hen- nepin and Lyndale avs. Total.....	\$670.78
Repairs (old).....	114.98
Watering fountains for people:—107 Nicollet av., 144th st. S., 1st av. S. and 6th st., Central av. and Prince st., Washington and Plymouth avs., Cedar and Washington avs., Nicollet av. and 3d st., Altman's on Washington av. S.....	785.70
	1,381.97
	\$11,152.75

[illegible]

Spring street N	E	Harrison street	Pierce street	403.5
Spring street N	E	Present terminus	Pierce street N E	1,169.7
Third avenue S	E	Main street	Fourth street	384.
Third avenue S	E	Fourth street	Division street	
Fifth avenue S	E	Fourth street S E	Fifth street S E	380.
Fifth avenue S	E	Sixth street S E	Tenth street S E	1,588.5
Seventh avenue S	E	Fifth street S E	Eleventh street S E	1,221.
Ninth avenue S	E	Fifth street S E	Across railroad	1,125.
Thirteenth avenue S	E	Sixth street	Seventh street	439.
Thirteenth avenue S	E	Division street	Como avenue	1,394.
Thirteenth avenue S	E	Seventh street S E	Eighth street S E	377.8
Fourteenth avenue S	E	Fourth street	University grounds	
Fourteenth avenue S	E	Como avenue	Division street	481.
Fifteenth avenue S	E	Fifth street	Eighth street	
Fifteenth avenue S	E	Eight street	Como avenue	1,222.5
Fifteenth avenue S	E	Como avenue	Delaware street	830.6
Fifteenth avenue S	E	Como avenue	Talmadge street	701.1
Fifteenth avenue S	E	Talmadge street	Division street	655.1
Sixteenth avenue S	E	Division street	Winter street	670.6
Sixteenth avenue S	E	Como avenue	Talmadge street	653.3
Sixteenth avenue S	E	Fourth street S E	Fifth street S E	622.6
Sixteenth avenue S	E	University avenue S E	Fourth street S E	
Tuttle street S E	E	Como avenue	Talmadge street	621.2
Tuttle street S E	E	Beacon street	Division street	670.4
Slate street S E	E	Talmadge street	Cambridge street	368.1
Oak street S E	E	Fourth street S E	St. P., M. & M. R.	
Prospect street S E	E	Cambridge street	Cambridge street	2,416.9
Main street S E	E	Dump	Fulton street	1,272.5
Main street S E	E	Third avenue S E		
Second street S E	E	Bank street S E		380.
Central avenue	E	Bank street		
Central avenue	E	Sixteenth avenue S E		
Oak street S E	E	Malcolm street		1,429.
Sixteenth avenue S E	E	Oak street S E		
Malcolm avenue	E	Emerald avenue		
Central avenue	E	Fourteenth avenue S E		
Sixteenth avenue S E	E	Fifth avenue		5,782.5
Fifth avenue S E	E	Fourteenth avenue S E		1,718.
Fifth street S E	E	Fifteenth avenue S E		1,861.1
Fifth street S E	E	Tenth avenue S E		
Sixth street S E	E	Fifteenth avenue		828.2
Sixth street S E	E	Sixteenth avenue		
Sixth avenue S E	E	Division street		
Seventh avenue S E	E	University		479.4
Twelfth avenue S E	E	Division street		
Eighteenth street S E	E	Fourth avenue S E		1,330.5
Eighteenth street S E	E	Fourth avenue S E		845.
Eighteenth street S E	E	Fourth avenue S E		1,588.8
Eighteenth street S E	E	Ninth avenue S E		828.9

[illegible]

TABLE NO. 3—Continued.

Is—	From—	To—	6-Inch.	8-Inch.	10-Inch.	12-Inch.	16-Inch.	24-Inch.	36-Inch.
Second avenue S	E. Sixteenth street	E. Seventeenth street	345.8						
Second avenue S	Seventeenth street	E. Eighteenth street	388.						
Second avenue S	Twenty-sixth street	E. Twenty-seventh street	643.						
Second avenue S	E. Twenty-seventh st.	E. Twenty-eighth st.	612.7						
Second avenue S	E. Lake street	E. Thirty-third street	1,843.						
Second avenue S	E. Twenty-fifth street	E. Twenty-sixth street	1,335.9						
Second avenue S	E. Twenty-eighth st.	E. Lake street	1,319.8						
Second avenue S	E. Nineteenth street	E. Franklin avenue	517.3						
Second avenue S	E. Thirty-third street	E. Thirty-fifth street	1,380.3						
Third avenue S	Third street S	E. Twenty-second street						7,111.	
Third avenue S	E. Twenty-second st.	Lake street						4,695.6	
Third avenue S	Lake street	E. Thirty-third street						1,914.9	
Third avenue S	Thirty-third street	E. Thirty-fourth street						3,298.1	
Clinton avenue	Grand street	E. Twenty-fifth street		3,816.9					
Clinton avenue	E. Twenty-fifth street	E. Twenty-sixth street	618.1						
Clinton avenue	E. Twenty-sixth street	E. Twenty-seventh street	989.3						
Clinton avenue	E. Thirty-first street	E. Thirty-second street	561.8						
Clinton avenue	E. Twenty-seventh st.	E. Twenty-eighth st.	716.7						
Clinton avenue	E. Lake street	E. Thirty-first street	612.2						
Clinton avenue	E. Thirty-second st.	E. Thirty-third street	677.4						
Fourth avenue S	E. Thirty-second st.	E. Thirty-third street	596.7						
Fourth avenue S	First street	Second street					374.		
Fourth avenue S	Washington avenue	Sixth street	1,631.						
Fourth avenue S	Sixth street	Tenth street	1,641.1						
Fourth avenue S	Tenth street	E. Twenty-fourth street	4,635.				418.		
Fourth avenue S	E. Twenty-fourth st.	E. Twenty-fifth street	715.5						
Fourth avenue S	E. Twenty-fifth street	E. Twenty-sixth street	617.1						
Fourth avenue S	E. Thirty-first street	E. Thirty-second street	624.1						
Fifth avenue S	First street S	Washington avenue						1,150.	
Fifth avenue S	Pump house	Third street					705.		
Fifth avenue S	Pump house	Ninth street						3,733.	
Fifth avenue S	Ninth street	Nineteenth street						3,081.2	
Fifth avenue S	E. Nineteenth street	E. Twenty-fourth st.				1,000.6			
Fifth avenue S	E. Twenty-fourth st.	E. Twenty-seventh st.	2,011.9						
Fifth avenue S	E. Lake street	E. Thirty-first street	609.						
Fifth avenue S	E. Thirty-first street	E. Thirty-second street	603.1						
Sixth avenue S	First street S	E. Twenty-seventh street				10,284.			
Sixth avenue S	E. Lake street	E. Thirty-second street	1,311.						
Six and one-half ave. S	E. Lake street	E. Lake street				1,942.6			
Portland avenue	E. Twenty-fourth st.	E. Lake street		1,912.					
Portland avenue	E. Lake street	E. Thirty-third street		3,271.8					
Portland place	E. Thirty-third street	E. Thirty-fourth st.		1,301.5					
Seventh avenue S	Washington avenue	Third street	462.6						

TABLE NO. 4.
Water Mains to be Laid in the Year 1892.

Extension number.	STREET OR AVENUE.	From—	To—	Size in inches.	Approximate length, ft.
671	N. Aldrich av.	Eleventh av. N.	Sixteenth av. N.	8	2,280
672	N. Aldrich av.	Twenty-second av. N.	Twenty-seventh av. N.	8	2,270
673	S. Aldrich av.	W. Franklin av.	W. Forty-second st.	8	581
674	Bassett place.	Sixth av. N.	300 ft. north.	8	516
675	Beacon st.	State st.	Oak st.	8	2,050
676	Blaisdell av.	W. Twenty-eighth st.	W. Lake st.	8	1,491
677	N. Bryant av.	Twentieth av. N.	Twenty-first av. N.	8	350
678	Douglas av.	Hennepin av.	S. Humboldt av.	8	2,472
679	N. Dupont av.	Twenty-sixth av. N.	Twenty-ninth av. N.	8	1,410
680	S. Dupont av.	W. Twenty-sixth st.	Hennepin av.	8	1,781
683	Eighth av. S. E.	Seventh st. S. E.	Eighth st. S. E.	8	380
684	Fifteenth av. S. E.	E. Lake st.	E. Thirty-second st.	8	1,207
685	Fillmore st.	Twenty-third av. N. E.	Twenty-third av. N. E.	8	177
682	N. First st.	Fourth av. N.	Fifth av. N.	12	341
661	N. First st.	Fifth av. N.	Tenth av. N.	16	2,131
686	N. Fourth st.	Twelfth-second av. N.	Twenty-sixth av. N.	8	1,621
687	W. Franklin av.	S. Lyndale av.	S. Bryant av.	12	651
689	N. Fremont av.	Twenty-seventh av. N.	Thirty-second av. N.	8	1,959
690	Grand av.	W. Thirty-first st.	W. Thirty-third st.	8	1,354
691	Grand st.	Thirteenth av. N. E.	Fourteenth av. N. E.	8	425
692	W. Grant st.	Vine place.	Spruce place.	8	390
693	Hillside av.	N. Logan av.	Twenty-fifth av. N.	8	807
694	Hoag av.	Royalston av.	Sixth av. N.	8	585
695	S. Irving av.	W. Twenty-fourth st.	W. Twenty-fifth st.	8	656
696	Jackson st.	Eighteenth av. N. E.	Twenty-seventh av. N. E.	8	3,920
697	North James av.	Hillside av.	Twenty-fifth av. N.	8	832
698	N. Knox av.	Western av.	Sixth av. N.	8	1,244
699	Lake of Isles boul.	W. Twenty-second st.	W. Twenty-fifth st.	8	978
700	W. Lake st.	S. Irving av.	Calhoun boul.	12	990
701	Lincoln st.	Twenty-third av. N. E.	Twenty-fifth av. N. E.	8	658
702	S. Lyndale av.	W. Thirty-second st.	W. Forty-third st.	8	7,220
703	Madison st.	Thirteenth av. N. E.	Seventeenth av. N. E.	8	1,542
704	Marshall st.	Fifth av. N. E.	200 ft. S. of 13th av. N. E.	8	2,956
705	Monroe st.	8½ av. N. E.	Twenty-fifth av. N. E.	8	2,245
706	E. Nineteenth st.	Portland av.	Park av.	8	630
707	S. Ninth st.	Twenty-third av. S.	Twenty-seventh av. S.	8	1,708
708	Ninth av. S.	E. Thirty-second st.	E. Thirty-fourth st.	12	1,181
709	Park av.	E. Thirty-second st.	E. Thirty-third st.	8	705
710	Park av.	E. Thirty-third st.	E. Thirty-fourth st.	12	619
711	N. Penn av.	Crystal Lake av.	Thirty-second av. N.	24	3,321
712	Pierce st.	Twenty-third av. N. E.	Twenty-sixth av. N. E.	8	1,287
713	Pillsbury av.	W. Thirty-second st.	W. Thirty-fourth st.	8	1,198
714	Quincy st.	Third av. N. E.	Broadway.	8	1,841
715	S. Seventh st.	Cedar av.	Nineteenth av. S.	8	407
716	Sixteenth av. S.	Twenty-eighth st.	E. Lake st.	8	1,275
717	Sixteenth av. S. E.	Seventh st. S. E.	Eighth st. S. E.	8	410
718	Sixth av. S. E.	Main st.	University av.	8	808
719	Spruce place	Harmon place.	W. Grant st.	8	1,190
720	Stevens av.	Eighty-third st.	E. Thirty-fifth st.	8	1,316

TABLE NO. 23—Continued.

STREET	FRM—	To—	Size, inches.	Number of extensions	Length, feet.	Cost.
23d st.	14th av. S.	15th av. S.	6	664	398	498.15
25th av. S.	22d st.	25th st.	6	653	1,311	1,270.26
25th st.	Across Park av. ....	.....	6	578	108	130.51
26th av. S.	25th st.	¼ way to 26th st.	16	1670	337	1,309.79
26th st.	Across Park av. ....	.....	6	579	108	128.77
27th st.	Across Park av. ....	.....	6	580	108	128.76
28th st.	Across Park av. ....	.....	6	581	108	133.97
29th av. S.	22d st.	26th st.	6	654	1,974	2,379.92
29th st.	10th av. S.	11th av. S.	16	647	322	859.30
Union st.	Wash. av. S. E.	Delaware st.	8	655	410	506.27
Univ. av. S. E.	16th av.	Oak st.	6	656	1,965	2,057.36
Univ. av. S. E.	Malcom av.	Emerald av.	6	657	1,500	1,693.20
Vine Place.	Grant st.	Oak Grove st.	6	658	1,334	1,466.38
					84,169	\$203,010.41

†Part of.

*This total is inclusive of tunnel on Second street N. under Gt. N. Ry.

SUMMARY.

	Length.	Cost.
6 inch pipe	52,812	\$59,876.94
8 inch pipe	10,655	13,660.58
12 inch pipe	7,229	14,768.56
16 inch pipe	3,884	11,365.09
26 inch pipe	9,589	92,065.00
Totals, 15.4909 miles.....	84,169	\$191,746.17
Add cost of 386 feet of tunnel under railroad on 2d st.		11,274.24
		\$203,010.41

TABLE NO. 4.
Water Mains to be Laid in the Year 1892.

Extension number.	STREET OR AVENUE.	From—	To—	Size in inches.	Approximate length, ft.
671	N. Aldrich av.....	Eleventh av. N.	Sixteenth av. N.	6	2,260
672	N. Aldrich av.....	Twenty-second av. N.	Twenty-seventh av. N.	6	2,270
673	S. Aldrich av.....	W. Franklin av.....	W. Forty-second st.	6	581
674	Bassett place.....	Sixth av. N.	300 ft. north.	6	316
675	Beacon st.....	State st.....	Oak st.....	6	2,050
676	Blaisdell av.....	W. Twenty-eighth st.	W. Lake st.....	6	1,491
677	N. Bryant av.....	Twentieth av. N.	Twenty-first av. N.	6	359
678	Douglas av.....	Hennepin av.....	S. Humboldt av.....	6	2,472
679	N. Dupont av.....	Twenty-sixth av. N.	Twenty-ninth av. N.	6	1,310
680	S. Dupont av.....	W. Twenty-sixth st.	Hennepin av.....	6	1,781
683	Eighth av. S. E.....	Seventh st. S. E.....	Eighth st. S. E.....	6	380
684	Fifteenth av. S. E.....	E. Lake st.....	E. Thirty-second st.	6	1,307
685	Fillmore st.....	Twenty-third av. N. E.	Twenty-third av. N. E.	6	177
692	N. First st.....	Fourth av. N.	Fifth av. N.	12	341
691	N. First st.....	Fifth av. N.	Tenth av. N.	16	2,131
686	N. Fourth st.....	Twelfth-second av. N.	Twenty-sixth av. N.	6	1,621
687	W. Franklin av.....	S. Lyndale av.....	S. Bryant av.....	12	651
689	N. Fremont av.....	Twenty-seventh av. N.	Thirty-second av. N.	6	1,930
690	Grand av.....	W. Thirty-first st.	W. Thirty-third st.	6	1,354
691	Grand st.....	Thirteenth av. N. E.	Fourteenth av. N. E.	6	425
692	W. Grant st.....	Vine place.....	Spruce place.....	6	390
693	Hillside av.....	N. Logan av.....	Twenty-fifth av. N.	8	807
694	Hoag av.....	Royalston av.....	Sixth av. N.	6	585
695	S. Irving av.....	W. Twenty-fourth st.	W. Twenty-fifth st.	6	656
696	Jackson st.....	Eighteenth av. N. E.	Twenty-seventh av. N. E.	6	3,920
697	North James av.....	Hillside av.....	Twenty-fifth av. N.	8	832
698	N. Knox av.....	Western av.....	Sixth av. N.	6	1,244
699	Lake of Isles boul.	W. Twenty-second st.	W. Twenty-fifth st.	6	976
700	W. Lake st.....	S. Irving av.....	Calhoun boul.....	12	990
701	Lincoln st.....	Twenty-third av. N. E.	Twenty-fifth av. N. E.	6	658
702	S. Lyndale av.....	W. Thirty-second st.	W. Forty-third st.	8	7,220
703	Madison st.....	Thirteenth av. N. E.	Seventeenth av. N. E.	6	1,542
704	Marshall st.....	Fifth av. N.	200 ft. S. of 13th av. N. E.	6	2,956
705	Monroe st.....	8½ av. N. E.....	Twenty-fifth av. N. E.	8	2,245
706	E. Nineteenth st.....	Portland av.....	Park av.....	6	630
707	S. Ninth st.....	Twenty-third av. S.	Twenty-seventh av. S.	6	1,708
708	Ninth av. S.....	E. Thirty-second st.	E. Thirty-fourth st.	12	1,181
709	Park av.....	E. Thirty-second st.	E. Thirty-third st.	6	705
710	Park av.....	E. Thirty-third st.	E. Thirty-fourth st.	12	619
711	N. Penn av.....	Crystal Lake av.....	Thirty-second av. N.	24	3,321
712	Pierce st.....	Twenty-third av. N. E.	Twenty-sixth av. N. E.	6	1,287
713	Pillsbury av.....	W. Thirty-second st.	W. Thirty-fourth st.	6	1,198
714	Quincy st.....	Third av. N. E.....	Broadway.....	6	1,841
715	S. Seventh st.....	Cedar av.....	Nineteenth av. S.....	6	407
716	Sixteenth av. S.....	Twenty-eighth st.....	E. Lake st.....	6	1,275
717	Sixteenth av. S. E.....	Seventh st. S. E.....	Eighth st. S. E.....	6	410
718	Sixth av. S. E.....	Main st.....	University av.....	6	808
719	Spruce place.....	Harmon place.....	W. Grant st.....	6	1,130
720	Stevens av.....	Eighty-third st.....	E. Thirty-fifth st.....	6	1,316

TABLE NO. 24.—Continued.

STREETS.	FROM—	TO—	Size—Inches.	No. of Extensions.	Estimated Length—feet.	Amount of Assessm't	Estimated cost.
22d st.....	Irving av....	Lake Isle boul.	6	733	407	369.74	529.10
*23d av. S.....	9th st.....	Franklin av....	6	667	445	200.20	504.55
23d av. N. E.....	Central av....	Fillmore st....	6	738	1,329	.....	1,727.70
23d av. N. E.....	Fillmore st....	Johnson st....	6	739	1,313	2,551.96	1,706.90
24th av. N.....	2d st.....	River.....	6	730	843	1,108.90	1,095.90
25th av. N.....	Wash av.....	Lyndale av....	6	727	1,604	1,311.05	2,085.20
25th av. N.....	Hillside av....	Penn av.....	8	728	411	509.52	575.40
25th st.....	Irving av....	Lake Isle boul.	6	729	913	955.50	1,186.90
26th av. N.....	2d st.....	River.....	8	734	1,373	1,422.20	1,922.20
26th av. N.....	Dupont av....	Dupont av....	12	735	143	158.96	278.85
26th av. N.....	Lyndale av....	Aldrich av....	12	736	396	320.81	772.20
26th av. S.....	Franklin av....	1/2 way bet. } 25th & 26th sts }	16	6670	2,314	2,751.05	5,900.70
*26th av. S.....	25th st.....	325' s. of 26th st	16	6670	337	.....	1,309.79
26th st.....	Portland av....	Park av.....	12	737	736	483.08	1,435.20
32d st.....	Chicago av....	9th av. S.....	8	725	331	372.50	463.40
32d st.....	Blaisdell av....	Pleasant av....	12	726	860	756.79	1,677.00
*36th av. N.....	2d st.....	3d st.....	12	587	500	412.71	1,284.88
36th st.....	Chicago av....	12th av. S.....	6	666	1,397	1,277.50	1,816.10
Univ. av. N. E.....	Broadway st..	18th av.....	6	740	2,759	2,986.75	3,586.70
Van Buren st..	Central av....	Broadway st..	6	741	1,437	1,530.10	1,868.10
Wash. av. N.....	30th av.....	32d av.....	8	742	900	932.44	1,290.00
Wash. st.....	5th st N. E....	Summer st.....	12	743	819	719.42	1,597.05
					100,694	\$180,143.05	\$185,658.30

* Laid in the year 1890.

* Laid in the year 1891.

† Part of.

SUMMARY.

	Feet.	Amount.
Laid in 1890 and 1891.....	8,103	\$ 31,117.75
To be laid in 1892.....	101,591	154,540.55
	109,694	\$185,658.30

SUMMARY OF TABLE NO. 24, EMBRACING THAT WATERMAIN ONLY WHICH IS TO BE LAID IN 1892.

	Size, inches.	Length, feet.	Rate.	Estimated cost.
	6	67,985	\$1.30	\$88,380.50
	8	19,104	1.40	26,745.60
	12	6,736	1.95	13,135.20
	16	4,445	2.55	11,334.75
	24	3,321	4.50	14,944.50
Total (19 24-100 miles)		101,591	.....	\$154,540.55

TABLE No. 25.
STREET SPRINKLING FOR THE SEASON OF 1891.

WARD.	Front feet sprinkled.	Average cost per front foot. cts. mills.	Total cost.
First	73,575	.5 7 7-10	\$4,246.21
Second	108,403	.5 5 7-10	6,043.82
Third	207,000	.4 0 5-10	8,389.95
Fourth	209,500	.5 1 8-10	10,843.24
Fifth	244,168	.5 6 4-10	13,777.46
Sixth	85,813	.6 4 8-10	5,563.16
Seventh	60,505	.6 1 5-10	3,729.01
Eighth	202,039	.4 3 6-10	8,842.18
Ninth	65,517	.6 0 4-10	3,957.12
Tenth	9,493	.5 5 2-10	524.41
Eleventh	145,260	.4 5 4-10	6,548.97
Twelfth	18,722	.6 8 3-10	1,278.46
Thirteenth	6,808	.5 1 1-10	351.11
136 17-100 miles of street exclusive of crossings.....	1,437,961	.5 1 5-10	\$74,095.42

TABLE No. 26.
STREET SPRINKLING FOR THE SEASON OF 1892.

WARD.	RATE OF ASSESSM'T.		FRONT FEET ASSESSED.		Total.	AMOUNT OF ASSESSMENT.		Total assessment.
	Dirt streets.	Paved streets.	Dirt streets.	Paved streets.		Dirt streets.	Paved streets.	
First .....	.045	.065	78,945	10,798	89,743	\$3,552.50	\$701.91	\$4,254.41
Second .....	.065	.085	88,152	55,303	143,545	5,729.47	3,600.18	9,329.65
Third .....	.02	.04	177,018	39,116	216,134	3,541.51	1,564.60	5,106.11
Fourth .....	.05	.085	151,713	69,539	221,252	7,585.65	5,920.52	13,506.17
Fifth .....	.045	.07	166,809	89,534	256,343	7,506.43	7,546.43	15,052.86
Sixth .....	.075	.085	89,515	12,987	102,502	6,713.43	1,104.20	7,817.63
Seventh .....	.05	.085	94,530	4,623	99,153	4,736.32	647.21	5,383.53
Eighth .....	.04	.04	212,789	4,722	217,511	8,470.63	190.88	8,661.51
Ninth .....	.07	.07	99,570	2,302	101,872	6,969.86	167.44	7,137.30
Tenth .....	.07	.....	9,427	.....	9,427	659.93	.....	659.93
Eleventh .....	.05	.....	162,080	.....	162,080	8,939.95	.....	8,939.95
Twelfth .....	.05	.....	33,209	.....	33,209	1,660.38	.....	1,660.38
Thirteenth .....	.06	.....	11,961	.....	11,961	717.65	.....	717.65
.....	.....	.....	1,375,727	289,154	1,664,881	\$66,773.08	\$21,443.37	\$88,216.45

•Park avenue 14c.

157.66 miles of street exclusive of crossings.

TABLE NO. 27.
STREET COMMISSIONERS' WORK FOR 1891.

WARD.	Square yards of pavement in ward, Jan. 1, 1891.	Average cost per square yard of cleaning pavement.	Cost of sweeping and cleaning paved streets.	COST OF SIDEWALK REPAIRS.			Cost of grading, street repairs, cleaning dirt, etc., building cross-walks, cleaning off snow, etc.
				Material.	Labor.	Total.	
First.....	20,160	Cts. mills.		\$ 35.03	@ 9.00	\$ 44.03	\$ 8,225.14
Second.....	131,886	1 5 24-100	\$2,010.87	189.26	106.03	275.29	8,204.32
Third.....	127,834	1 0 14-100	2,447.82	190.96	45.19	236.15	26,824.60
Fourth.....	224,604	4 4 11-100	9,912.49	93.84	78.03	171.87	19,962.07
Fifth.....	268,904	3 0 21-100	8,123.60	212.48	321.57	534.05	5,560.68
Sixth.....	41,089	4 4 85-100	1,843.00	35.38	.....	35.38	6,782.06
Seventh.....	.....	.....	.....	65.82	107.38	173.20	8,907.23
Eighth.....	4,297	4 2	180.48	.....	24.30	24.30	19,239.63
Ninth.....	* 2,964	.....	.....	24.80	19.06	43.86	7,642.05
Tenth.....	.....	.....	.....	.....	.....	.....	8,768.31
Eleventh.....	14,415	2 4 5-100	346.75	166.83	15.75	182.58	5,519.32
Twelfth.....	.....	.....	.....	68.61	.....	68.61	7,643.40
Thirteenth.....	.....	.....	.....	.....	.....	.....	7,571.74
Total.....	836,243	3 0 57-100	\$24,865.01	\$1,063.01	\$726.31	\$1,789.32	\$140,850.64

TABLE No. 28.
CONDUITS FOR UNDERGROUND WIRES LAID PREVIOUS TO JANUARY 1, 1902

The Dorset conduits were laid by a company for the purpose of renting space to the various electrical companies. The city wires are laid in these conduits without any cost of rental. The other conduits are laid for the exclusive use of the companies laying them. Through the business portion of the city, the Street Railway Company has 14,000 feet of conduit containing their feed wires.

STREET.	FROM—	TO—	NORTHWESTERN TELEPHONE EXCHANGE.				MINNEAPOLIS ELECTRIC SUBWAY CO.—DORSET & IRON PIPE.				EDISON LIGHT & POWER COMPANY.				WESTERN UNION TELEGRAPH COMPANY.	
			Side of street.	Number of conduits.	Number of ducts.	Length of conduits, feet.	Side of street.	Number of conduits.	Number of ducts.	Length of conduits, feet.	Side of street.	Number of pipe three wires in each.	Length of pipe, feet.	No. of pipes.	Length of pipe, feet.	Total length of conduits, feet.
*Block 1, Hoag.....	Hennepin av.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	284
*Block 4, Hoag and Bell Hennepin av.....	Center of block 23.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100
*Block 12, 23 } Mpls.	Center bl'k 12.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	404
*Block 21.....	1st st. S.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	221
*Block 33 } 36 }	Center of bl'k 23.....	Center of block 36.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	440
*Block 34.....	2d av. N.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	184
*Block 35.....	2d av. N.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	228
*Block 36.....	Wash. av. N.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	186
*Block 37.....	Wash. av. S.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136
*Block 38.....	Wash. av. S.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	178
*Block 39.....	2d av. S.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215
*Block 40.....	2d av. S.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	110
*Block 41.....	4th av. S.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88
*Block 42.....	4th av. S.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	194
*Block 43.....	2d av. S.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123
*Block 44.....	2d av. S.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	167
*Block 45.....	Nicollet av.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	137
*Block 46.....	Hennepin av.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	143
*Block 47.....	Wash. av. N.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	244
*Block 48.....	2d av. N.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	230
*Block 49.....	2d av. N.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	188
*Block 50.....	4th av. N.....	Center of block.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100

*Iron Pipe.

TABLE NO. 5—Continued.

FOR TOP E	Intersecting Street.	No. and location of Hy- drants.	No. of Gates and side of street on which located.									
			4	6	8	10	12	16	24	30	36	
1st av.	Half way.....	1										
	W 31st st.....	1 NW										
	Half way.....	1										
	W 32d st.....	1 NW		1 N	1 S							
1st st.	1/4 way W 33d.....	1		1 S								
	Hennepin av.....	1 N										
	Hennepin av.....			1 N								
	Mary place.....	1 SW										
1st av. S.	Nicollet av.....	1 SE										
	1st av. S.....	1 NE										
	2d av. S.....	1 NE			1 N							
	3d av. S.....	1 SE										
4th av. S.	4th av. S.....	1 SE										
	5th av. S.....			1 N			1 S					
	6th av. S.....	1 SE										
	7th av. S.....	1 SE					1 N					
8th av. S.	8th av. S.....	1 SE					1 S					
	9th av. S.....	1 SE										
	10th av. S.....	1 SE										
	11th av. S.....						2 N & S					
12th av. S.	12th av. S.....	1										
	13th av. S.....	1 NW					1 S					
	14th av. S.....	1 NE										
	15th av. S.....	1 NE										
16th av. S.	16th av. S.....	1 NE										
	17th av. S.....	1 SE					2 N & S					
	18th av. S.....	1 SE										
	19th av. S.....	1 SE										
20th av. S.	Cedar av.....	1 NE										
	21st av. S.....	1 SE										
	22d av. S.....			1 W								
	23d av. S.....	1 SE		1 E								
24th av. S.	24th av. S.....	1 SE										
	25th av. S.....	1 SE										
	26th av. S.....	1 SE										
	27th av. S.....	1 SE										
28th av. S.	28th av. S.....	1 SE		1 W								
	29th av. S.....	1 SW										
	30th av. S.....	1 NW										
	31st av. S.....	1 NW										
32d St.	32d St.....			1 W								
	33d St.....			1 E								
	34th St.....			1 W								
	35th St.....											
36th St.	Hoag av.....	1 SE										
	Bradford av.....	1 SE										
	Oak Lake av.....	1 SE		1 E								
	1/4 way to Lyn.....	1										
37th St.	Lyndale av.....			1 E								
	Glrand av.....				2 E & W							
	Humboldt av.....	1 NE										
	Irving av.....	1 NE										
38th St.	Elwood av.....	1 NE		1 W	1 E							
	Logan av.....	1 NE										
	Wash. av.....			1 W								
	39th St.....	1 NW										
40th St.	40th St.....	1 NW		2 E & W								
	41st St.....	1 NW										
	42nd St.....	1 NW		2 E & W								
	43rd St.....	1 NW										
44th St.	44th St.....	1 NW										
	45th St.....	1 NW										
	46th St.....	1 NW										
	47th St.....	1 NW										
48th St.	48th St.....	1 NW										
	49th St.....	1 NW										
	50th St.....	1 NW										
	51st St.....	1 NW										
52nd St.	52nd St.....	1 NW		1 E								
	53rd St.....	1 S										
	54th St.....											
	55th St.....	1 NW										
56th St.	56th St.....	1 NW		1 N								
	57th St.....	1 NW		1 S			1 N					
	58th St.....	1 NW										
	59th St.....	1 NW										
60th St.	60th St.....	1 NW		1 N & S								
	61st St.....	1 NW										
	62nd St.....	1 NW										
	63rd St.....	1 NW										
64th St.	64th St.....	1 NW		1 N								
	65th St.....	1 NW										
	66th St.....	1 NW										
	67th St.....	1 NW										
68th St.	68th St.....	1 NW										
	69th St.....	1 NW										
	70th St.....	1 NW										
	71st St.....	1 NW										
72nd St.	72nd St.....	1 NW										
	73rd St.....	1 NW										
	74th St.....	1 NW										
	75th St.....	1 NW										
76th St.	76th St.....	1 NW										
	77th St.....	1 NW										
	78th St.....	1 NW										
	79th St.....	1 NW										
80th St.	80th St.....	1 NW										
	81st St.....	1 NW										
	82nd St.....	1 NW										
	83rd St.....	1 NW										
84th St.	84th St.....	1 NW										
	85th St.....	1 NW										
	86th St.....	1 NW										
	87th St.....	1 NW										
88th St.	88th St.....	1 NW										
	89th St.....	1 NW										
	90th St.....	1 NW										
	91st St.....	1 NW										
92nd St.	92nd St.....	1 NW										
	93rd St.....	1 NW										
	94th St.....	1 NW										
	95th St.....	1 NW										
96th St.	96th St.....	1 NW										
	97th St.....	1 NW										
	98th St.....	1 NW										
	99th St.....	1 NW										
100th St.	100th St.....	1 NW										
	101st St.....	1 NW										
	102nd St.....	1 NW										
	103rd St.....	1 NW										
104th St.	104th St.....	1 NW										
	105th St.....	1 NW										
	106th St.....	1 NW										
	107th St.....	1 NW										
108th St.	108th St.....	1 NW										
	109th St.....	1 NW										
	110th St.....	1 NW										
	111th St.....	1 NW										
112th St.	112th St.....	1 NW										
	113th St.....	1 NW										
	114th St.....	1 NW										
	115th St.....	1 NW										
116th St.	116th St.....	1 NW										
	117th St.....	1 NW										
	118th St.....	1 NW										
	119th St.....	1 NW										
120th St.	120th St.....	1 NW										
	121st St.....	1 NW										
	122nd St.....	1 NW										
	123rd St.....	1 NW										
124th St.	124th St.....	1 NW										
	125th St.....	1 NW										
	126th St.....	1 NW										
	127th St.....	1 NW										
128th St.	128th St.....	1 NW										
	129th St.....	1 NW										
	130th St.....	1 NW										
	131st St.....	1 NW										
132nd St.	132nd St.....	1 NW										
	133rd St.....	1 NW										
	134th St.....	1 NW										
	135th St.....	1 NW										
136th St.	136th St.....	1 NW										
	137th St.....	1 NW										
	138th St.....	1 NW										
	139th St.....	1 NW										
140th St.	140th St.....	1 NW										
	141st St.....	1 NW										
	142nd St.....	1 NW										
	143rd St.....	1 NW										
144th St.	144th St.....	1 NW										
	145th St.....	1 NW										
	146th St.....	1 NW										
	147th St.....	1 NW										
148th St.	148th St.....	1 NW										
	149th St.....	1 NW										
	150th St.....	1 NW										
	151st St.....	1 NW										
152nd St.	152nd St.....	1 NW										

TABLE NO. 5.—Continued

R OF	Intersecting street.	No. and location of hy- drants	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
A.V.	17th av N.....	1 SW		1 N								
	18th av N.....	1 SW										
	20th av N.....	1 SW		1 S								
A.V.	W Franklin av	1 SW		1 S								
	W 22d st.....	1 NW										
	W 24th st.....	1 NW		1 N								
	W 26th st.....	1 NW										
	W 27th st.....	1 NW		1 N								
	Bluff st.....	1 SW										
	S 2d st.....	1 SE										
	S Wash. av.....			*2 S								
	S 3d st.....	1 NW										
	S 4th st.....	1 SW		1 S								
	S 6th st.....	1 SW			2 N & S							
	S 7th st.....	1 SW			2 N & S							
	Minnehaha av	1 SW			2 N & S							
	S 9th st.....	1 SW										
	E Franklin av				2 N & S							
	E 2d st ½ way.	1										
	E 22d st.....	1 NW										
	Half way.....	1										
	E 24th st.....	1 NW			1 S							
	Half way.....	1										
	E 25th st.....	1 NW										
	Half way.....	1										
	E 26th st.....	1 NW			1 S							
	Half way.....	1										
	E 27th st.....	1 NW										
	Half way.....	1										
	E 28th st.....	1 NW			1 N							
	E 29th st.....	1 NW										
	Half way.....	1										
	E Lake st.....	1 NW										
	E Lake st.....				1 N, 1 S							
	E 31st st.....	1 NW			1 S							
	E 22d st.....	1 NW										
	E 23d st.....	1 NW										
	E 34th st.....	1 NW			1 N							
A.V.	N 11th st.....	1 SW		1 N								
	N 12th st.....	1 SW										
	Half way.....	1										
	N 15th st.....	1 SE		1 E								
IV.	S 10th st.....	1 SW			1 S							
	E 15th st.....	1 NW										
	E 16th st.....	1 NW										
	E 17th st.....	1 NW			1 N							
	E 18th st.....	1 NW										
	E 19th st.....	1 NW										
	E Franklin av	1 NW			2 N & S							
	E 21st st.....	1 NW										
	E 22d st.....	1 NW										
	E 23d st.....	1 NW										
	E 24th st.....	1 NW										
	Half way.....	1										
	E 25th st.....	1 NW			2 N & S							
	Half way.....	1										
	E 26th st.....	1 NW										
	Half way.....	1										
	E 27th st.....	1 NW			2 N & S							
	Half way.....	1										
	E 28th st.....	1 NW										
	Half way.....	1										
	E 29th st.....	1 NW										
	Half way.....	1										
	E Lake st.....	1 NW			1 N							
	E Lake st.....				1 S							
	E 31st st.....	1 NW										
	E 32d st.....	1 NW			1 N							
	E 33d st.....	1 NW										
	E 34th st.....	1 NW			1 N		1 S					
	E 35th st.....	1 NW										
	E 36th st.....	1 NW					1 N					
	E 37th st.....	1 NW										
	E 38th st.....						1 N					
V.	Vine place.....			1 W								

*Is between two Washington avenue pipes.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on w					
			1	6	8	10	12	14
Clifton av...	Sixth way...							
	Third way...							
	Half way...			1				
	5 way...							
	5-6 way...							
Clinton av...	Clifton place...			1				
	E Grant st...	1 SW			1 S			
	E 14th st...	1 NW						
	E 15th st...	1 NW						
	E 16th st...	1 NW						
	E 17th st...	1 NW						
	E 18th st...	1 NW			1 N			
	E 19th st...	1 NW						
	E Franklin av	1 NW			2 N & S			
	Half way...	1						
	E 22d st...	1 NW						
	Half way...	1						
	E 24th st...				1 N			
	E 25th st...				1 S			
	Half way...	1						
	E 26th st...	1 NW						
	Half way...	1						
	E 27th st...	1 NW			2 N & S			
	E 28th st...	1 NW						
	E Lake st...	1 SW			1 S			
	E 31st st...	1 NW						
	E 32d st...	1 NW						
	E 19th st...				1 N & S			
S Colfax av...	E 33d st...	1 NW			1 N			
	Mt. Curve av.	1 SW			1 S			
	Douglas av.	1 NW						
	Hennepin av.	1 SW			1 S			
	W 23d st...	1 NW						
	W 24th st...				1 N			
	W 24th st...	1 SW						
	W 25th st...	1 NW			1 N			
	W 26th st...	1 NW						
	W 27th st...	1 NW			1 N			
	W 27th st...				1 S			
	W 28th st...	1 NW						
	W Lake st...	1 SW			1 S			
	W 31st st...	1 NW						
	W 32d st...	1 NW			1 N			
Crystal L. av.	N James av.	1*						
	N Knox av.	1 NE						
	N Logan av.	1 NE						
	N Morgan av.	1 NE						
	N Newton av.				1 N			
	Alley to north	1 NE						
	23d av. N.	1 NE						
	Alley to west.	1 NE						
	N Penn av.	1 NE			1 E			
N Dupont av	6th av. N.				1 N			
	11th av. N.				1 N			
	Half way...	1						
	12th av. N.	1 SW						
	Plymouth av.	1 SW			1 N, 1 S			
	14th av. N.	1 SW			2 N & S			
	15th av. N.	1 SW						
	16th av. N.	1 SW			2 N & S			
	17th av. N.	1 SW						
	18th av. N.	1 SW						
	Half way...	1						
	20th av. N.				2 N & S			
	21st av. N.	1 SW						
	22d av. N.	1 SW						
	23d av. N.	1 SW			1 N			
S Dupont av.	24th av. N.	1 SW						
	25th av. N.	1 SW						
	26th av. N.	1 SW			1 S			
	W 26th st.	1 SW						
	W 27th st.				2 N & S			
	W 28th st.	1 NW						
	W 29th st.	1 SW			2 N & S			
	W Lake st.				2 N & S			

*On W. of small park.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hydrants.	Number of gates and side of street on					
			4	6	8	10	12	16
11th st. S.....	Nicollet av. .	1 SE	2 N & S					
	1st av S.	1 NE						
	3d av S.	1 SE						
	4th av S.	1 SE						
	5th av S.				1 N			
	1st av S.		1 S					
	2d av S.	1 NE						
	3d av S.		1 N	1 S				
11th av. N...	N 5th st.		1 W					
	N 6th st.	1 NE						
	Lyndale av.	1 NE	2 E & W					
	Aldrich av.	1 NE						
	Bryant av.	1 NE	1 E					
	Dupont av.	1 NE						
	Emerson av.	1 NE	1 E					
	Fremont av.	1 NE						
	S 2d st.						1 W	
	Wash. av.						2 E & W	
	S 3d st.	1 NE						
	Flush							
	S 4th st.	1 NW						
	S 5th st.	1 NW						
	Flush						1 W	
	S 6th st.	1 NW						
	Flush							
	S 7th st.	1 NW						
	S 8th st.	1 NE						
	Flush						1 E	
	E 14th st.	1 SW						
	S 9th st.	1 SW						
	E 17th st.	1 NW						
	E 18th st.	1 NW						
	E 19th st.	1 NW						
	E Franklin av.	1 NW					2 N & S	
	E 21st st.	1 NW						
	E 22d st.	1 NW						
	E 23d st.	1 NW						
	E 24th st.	1 NW					1 N	
11th av. S....	E 38th st.		1 S					
	E 39th st.	1 NW						
Elwood av....	6th av N.	1 NW	1 N					
	Irving av.	1 SE						
N Emerson av	6th av N.		1 N					
	Half way	1						
	8th av N.	1 SW	2 N & S					
	Half way	1						
	11th av N.	1 SW	1 N					
	Half way	1						
	12th av N.	1 SW						
	Plymouth av.	1 SW	2 N & S					
	14th av N.	1 SW						
	15th av N.	1 SW						
	16th av N.		1 S					
	1/2 way from 18th to 20th av N.	1						
	20th av N.	1 SW	1 S					
	21st av N.	1 SW	2 N & S					
	22d av N.	1 SW						
	23d av N.	1 SW						
	24th av N.	1 SW						
	5th av N.	1 NW						
	6th av N.	1 SW	1 S					
	25th av N.	1 SW						
	26th av N.	1 SW	1 N 1 S					
	27th av N.	1 SW						
	29th av N.	1 SW	1 S					
S Emerson av	W 27th st.		1 S					
	W 28th st.	1 NW						
Erie av.....	Lyndale av.	1 NE	1 E					
15th av. N...	N 1st st.	1 NW						
	N 2d st.		2 E & W					
	Wash. av.	1 NE						
	N 3d st.	1 NE						
15th av. S....	Wash. av.		1 W					
	S 3d st.	1 NE						

TABLE No. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No and location of hy- drants.	No. of gates and side of street on which situated.									
			1	6	8	10	12	16	24	30	36	
S Fourth st....	13th av. S.....	1 SW										
	14th av. S.....	1 NW										
	15th av. S.....	1 SW						1 S				
	16th av. S.....	1 SW										
	Cedar av.....	1 SE										
	Cedar av.....	1 SW		1								
	19th av. S.....	1 SE										
	20th av. S.....	1 SE										
	21st av. S.....	1 SE										
	22d av. S.....	1 SW		1 W	1 E							
Fourth av. N.	N. 1st st.....											
	Alley.....	1 NW										
Fourth av. S.	East of tracks	2										
	Wash. av.....	1 NW		1 W								
	S. 3d st.....			2 E&W								
	S. 4th st.....	1 NW										
	S. 5th st.....	1 NW										
	S. 6th st.....	1 NW		2 E&W								
	S. 7th st.....	1 NW										
	S. 8th st.....	1 NW		1 W								
	S. 9th st.....	1 NW										
	S. 10th st.....			2 E&W								
	S. 11th st.....	1 NE										
	E. Grant st.....	1 NW										
	E. 14th st.....	1 NW										
	E. 15th st.....	1 NW										
	E. 16th st.....	1 NW		1 N								
	E. 17th st.....	1 SW										
	E. 18th st.....	1 NW		1 S								
	E. 19th st.....	1 NW										
	E. Franklin av.	1 NW		2 N&S								
	E. 22d st.....	1 NW										
	E. 24th st.....	1 NW		2 N&S								
	Half way.....	1										
	E. 25th st.....			2 N&S								
	E. 26th st.....	1 NW										
	E. 32d st.....	1 SW										
	E. 33d st.....	1 NW		1 N								
	E. 19th st.....			1 N 1 S								
	E. 31st st.....	1 SW										
	N. 14th st.....	Hennepin av			1 N							
	E. Franklin av	Nicollet av	1 SE			1 E						
		1st av. S.....	1 SE									
		Waters.....										
		Stevens av.....	1 SE									
		2d av. S.....	1 SE									
		3d av. S.....	1 SE		2 E&W	2 E&W						
		Clinton av.....	1 SE									
		4th av. S.....	1 SE									
		5th av. S.....	1 SE									
		Portland av.....	1 SE		1 E	1 W						
		Portland pl.....	1 SE									
	Park av.....	1 SE										
	Park pl.....	1 SE										
	Chicago av.....	1 SE										
	9th av. S.....	1 SE			1 W							
	10th av. S.....	1 SE										
	11th av. S.....	1 SE										
	12th av. S.....	1 SE										
	13th av. S.....	1 SE										
	14th av. S.....											
	(southward)	1 SW			1 W							
	15th av. S.....	1 SE										
	Bl'm'ngtn av.....	1 SE										
	16th av. S.....											
	(southward)	1 SE										
	17th av. S.....	1 SE										
	18th av. S.....	1 SE										
	Cedar av.....	1 SW			1 W							
	Milw'kee R. R.....	1 E			1 E							
	19th av. S.....	1 SE										
	Minnehaha av.....			1 E	1 W							
	20th av. S.....	1 SE										
	21st av. S.....	1 SE										
	22d av. S.....	1 SE										

*Waste gate.

TABLE NO. 24.—Continued.

STREETS.	FROM—	TO—	Size— inches.	No. of Extensions.	Estimated Length—feet.	Amount of Assessm't	Estimated cost.
22d st.....	Irving av....	Lake Isle boul.	6	733	407	369.74	529.10
*23d av. S.....	9th st.....	Franklin av....	6	607	445	200.20	504.65
23d av. N. E.....	Central av....	Fillmore st....	6	738	1,329	.....	1,727.70
23d av. N. E.....	Fillmore st....	Johnson st....	6	739	1,313	2,551.96	1,706.90
24th av.	2d st.....	River.....	6	730	843	1,108.90	1,095.90
25th av.	Wash av....	Lyndale av....	6	727	1,604	1,311.05	2,085.20
25th av. N. N.	Hillside av....	Penn av.....	8	728	411	509.52	575.40
25th st.....	Irving av....	Lake Isle boul.	6	729	913	955.50	1,186.90
26th av. N. N.	2d st.....	River.....	8	734	1,373	1,422.20	1,922.20
26th av. N.....	Dupont av....	Dupont av....	12	735	143	158.96	278.85
26th av. N.....	Lyndale av....	Aldrich av....	12	736	306	320.81	772.20
26th av. S.....	Franklin av....	1/2 way bet. 1/2 25th & 26th sts	16	8670	2,314	2,751.05	5,900.70
*26th av. S.....	25th st.....	325' s. of 25th st	16	8670	337	.....	1,309.79
26th st.....	Portland av....	Park av.....	12	737	736	483.08	1,435.20
32d st.....	Chicago av....	9th av. S.....	8	725	331	272.50	463.40
33d st.....	Blaisdell av....	Pleasant av....	12	726	860	756.79	1,677.00
*35th av. N.....	2d st.....	3d st.....	12	587	500	412.71	1,284.88
36th st.....	Chicago av....	12th av. S.....	6	666	1,307	1,277.50	1,816.10
Culv. av. N. E.....	Broadway st	18th av.....	6	740	2,759	2,986.75	3,586.70
Van Buren st.....	Central av....	Broadway st..	6	741	1,437	1,530.10	1,868.10
Wash. av. N.....	30th av.....	32d av.....	8	742	900	952.44	1,260.00
Wash. st.....	5th st N. E....	Summer st.....	12	743	819	719.42	1,507.05
					100,604	\$180,143.05	\$185,658.30

† Laid in the year 1890.

* Laid in the year 1891.

† Part of.

SUMMARY.

	Feet.	Amount.
Laid in 1890 and 1891.....	8,103	\$ 31,117.75
To be laid in 1892.....	101,591	154,540.55
	109,694	\$185,658.30

SUMMARY OF TABLE NO. 24, EMBRACING THAT WATERMAIN ONLY WHICH IS TO BE LAID IN 1892.

	Size, inches.	Length, feet.	Rate.	Estimated cost.
	6	67,985	\$1.30	\$88,380.50
	8	19,104	1.40	26,745.60
	12	6,736	1.95	13,135.20
	16	4,445	2.55	11,334.75
	24	3,321	4.50	14,944.50
Total (19 24-100 miles).....		101,591	.....	\$154,540.55

TABLE No. 5.—Continued.

OR OF	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
	E. 24th st.	1 NW										
	W. 2d st.			1 E, 1 W								
	E. 19th st.	1 NE										
	E. Franklin av	1 NE		1 N								
	E. 26th st.				1 S							
	E. 27th st.	1 NE										
	E. 28th st.	1 NE			1 N							
	E. 29th st.	1 NE										
	E. Lake st.	1 NE			1 N							
	S. 1st st.	1 SW										
	S. 2d st.	1 SE										
	Wash. av.	1 SE		1 E								
	S. 8th st.	1 SW		1 W								
	S. 9th st.	1 SW		1 W								
	... angle...	1										
	E. 18th st.	1 NE										
	E. Franklin av				1 S							
	E. 21st st.	1 NW										
	E. 22nd st.	1 NW										
	E. 23rd st.	1 NW										
	E. 24th st.	1 NW			1 N							
	E. 25th st.	1 NW										
	E. 26th st.				1 N							
	1st av S.	1 SE		1 W					1 E			
	Stevens av.	1 SE										
	2d av. S.	1 SE										
	3d av. S.	1 SE		1 E					1 W			
	Portland av.	1 SE		1 E								
	Park av.	1 SW										
	South 10th st.	1 SW										
	Chicago av.	1 NE										
	9th av. S.	1 NW										
	10th av. S.	1 NW										
	11th av. S.	1 NW		1 W								
	Willow st.	1 NE										
	Hennepin av.			1 N								
	1st av. N.	1 SW		1 N								
	2d av. N.	1 SW		2 N & S								
	3d av. N.	1 SW		1 S								
	6th av. N.	1 NW										
	7th av. N (east- ward).			1 N								
	7th av. N., (westward)..	1 SW										
	Half way.	1		*1								
	8th av. N.	1 SW		1								
	9th av. N.	1 SW		1 N								
	10th av. N.	1 SW										
	11th av. N.	1 SW										
	12th av. N.	1 SW										
	Plymouth av.	1 NE										
		1 SW		2 N & S								
	14th av. N.	1 NE										
	15th av. N.	1 NE		1								
	16th av. N.	1 SE										
	17th av. N.	1 SW										
	18th av. N.	1 SW										
	Half way.	1										
	20th av N.			1 N								
				1 S								
	21st av N.	1 SW										
	Hennepin av.	1 SW			1 S							
	Nicollet av.	1 SW			1 S							
	1st av. S.	1 NW										
	2d av. S.	1 NW		1 S								
	3d av. S.	1 NE										
	4th av. S.	1 NE		1 S								
	5th av. S.	1 NE		2 N & S								
	6th av. S.	1 SW		1 N			1 S					
	7th av. S.	1 SW										
	8th av. S.	1 SW					1 S					
	9th av. S.	1 SW										
	10th av. S.	1 SW										
	11th av. S.	1 SW					1 N	1 S				
	12th av. S.	1 SW										

* Waste gate into creek.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No and location of hy- drants.	No. of gates and side of street on which s					
			1	6	8	10	12	16
S Fourth st..	13th av. S.....	1 SW						
	14th av. S.....	1 NW						1 S
	15th av. S.....	1 SW						
	16th av. S.....	1 SW						
	Cedar av.....	1 SE						
	Cedar av.....	1 SW		1				
	19th av. S.....	1 SE						
	20th av. S.....	1 SE						
	21st av. S.....	1 SE						
Fourth av. N.	22d av. S.....	1 SW		1 W	1 E			
	N. 1st st.....							
Fourth av. S..	Alley.....	1 NW						
	East of tracks	2						
	Wash. av.....	1 NW		1 W				
	S. 3d st.....			2 E&W				
	S. 4th st.....	1 NW						
	S. 5th st.....	1 NW						
	S. 6th st.....	1 NW		2 E&W				
	S. 7th st.....	1 NW						
	S. 8th st.....	1 NW		1 W				
	S. 9th st.....	1 NW						
	S. 10th st.....			2 E&W				
	S. 11th st.....	1 NE						
	M. Grant st.....	1 NW						
	E. 14th st.....	1 NW						
	E. 15th st.....	1 NW						
	E. 16th st.....	1 NW		1 N				
	E. 17th st.....	1 SW						
	E. 18th st.....	1 NW		1 S				
	E. 19th st.....	1 NW						
	E. Franklin av.	1 NW		2 N&S				
	E. 22d st.....	1 NW						
	E. 24th st.....	1 NW		2 N&S				
	Half way.....	1						
	E. 25th st.....			2 N&S				
	E. 26th st.....	1 NW						
	E. 32d st.....	1 SW						
	E. 33d st.....	1 NW		1 N				
	E. 19th st.....			1 N 1 S				
	E. 31st st.....	1 SW						
	Hennepin av.....			1 N				
	N. 14th st.....							
	E. Franklin av	1 SE			1 E			
	Nicollet av.....	1 SE						
	1st av. S.....	1 SE						
	Waters.....							
	Stevens av.....	1 SE						
	2d av. S.....	1 SE						
	3d av. S.....	1 SE		2 E&W	2 E&W			
	Clinton av.....	1 SE						
	4th av. S.....	1 SE						
	5th av. S.....	1 SE						
	Portland av.....	1 SE		1 E	1 W			
	Portland pl.....	1 SE						
	Park av.....	1 SE						
	Park pl.....	1 SE						
	Chicago av.....	1 SE						
	9th av. S.....	1 SE			1 W			
	10th av. S.....	1 SE						
	11th av. S.....	1 SE						
	12th av. S.....	1 SE						
	13th av. S.....	1 SE						
	14th av. S.....							
	(southward)	1 SW			1 W			
	15th av. S.....	1 SE						
	Bl'm'ng't'n av.	1 SE						
	16th av. S.....							
	(southward)	1 SE						
	17th av. S.....	1 SE						
	18th av. S.....	1 SE						
	Cedar av.....	1 SW			1 W			
	Milw'kee R. R.	1 E			1 E			
	19th av. S.....	1 SE						
	Minnehaha av.....			1 E	1 W			
	20th av. S.....	1 SE						
	21st av. S.....	1 SE						
	22d av. S.....	1 SE						

*Waste gate.

TABLE NO. 5—Continued.

STREET OR RIVER.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
Klin av.	23d av. S.	1 SE										
	24th av. S.	1 SE										
	Half way			1								
Klin av.	25th av. S.	1 NW										
	Nicollet av.						1 W					
	Blaisdell av.	1 SE										
	Lindley av.	1 SE										
	Pleasant av.	1 SE					1 E					
	Grand av.	1 SE										
	Harriet av.	1 SE										
	Garfield av.	1 SE										
	Lyndale av.	1 SE					1 E					
	Hennepin av.	1 SE				1 E						
Mont av.	6th av. N.			1 N								
	Half way	1										
	8th av. N.	1 SW		2 N & S								
	Half way	1										
	11th av. N.	1 SW										
	Plymouth av.	1 SW		1 S								
	21st av. N.	1 SW		1 N 1 S								
	22d av. N.	1 SW										
	23d av. N.	1 SW		1 N								
	24th av. N.	1 SW										
	25th av. N.	1 SW										
	26th av. N.	1 SW		1 N 1 S								
	27th av. N.	1 SW										
	Mont av.	W 27th st.			1 S							
W 28th st.		1 NW										
N 2d st.		1 SW						1 W				
N Lyndale av.								1 E 1 W				
N. N.	N 2d st.											
	N 2d st.	1 NW										
	N Lyndale av.	1 NE				1 E				1 W		
	W 26th st.	1 SW										
Id av.	Half way	1										
	W 27th st.			1 N								
	W 24th st.	1 SW		1 S								
	W 25th st.	1 NW										
	W 26th st.			1 N 1 S								
	5th av. N.	1 NW										
	6th av. N.	1 SW		2 N & S								
	Half way	1										
	8th av. N.	1 SW		1 W 1 S								
	Half way	1										
Id av.	11th av. N.	1 SW		1 N								
	12th av. N.	1 SW										
	Plymouth av.	1 SW		1 S								
	W Lake st.	1 SW		1 S								
	W 31st st.	1 NW										
	W Franklin av.			1 S								
Id av.	W 22d st.	1 NW										
	W 24th st.	1 NW		1 N								
	W Lake st.	1 SW		1 S								
	Half way	1										
	W 31st st.	1 NW										
	W 26th st.	1 SW										
	W 27th st.	1 NW		1 N								
	1st av. S.			1 W								
	3d av. S.						2 E & W					
	Id av.	Nicollet av.	1 NE		1 E							
1st av. S.		1 NW										
Id av.	Nicollet av.			1 W								
	Clifton place.	1 SE										
Id av.	Hennepin av.	1 SW				1 W	†1					
	1/2 way	1										
	1/2 way Hill'de	1										
	Lyndale av.	1 SE		1 E								
Id av.	8 12th st.	1 NE		2 E & W								
	8 13th st.	1 NE										
	Spruce place.	1 NE										
	Willow st.	1 NE										
	Maple st.	1 NE										
	Hennepin av.	1 NE		1 E								
Id av.	W Frank. av.			1 S								
	W 22d st.	1 NW										

*Side of Hennepin.

†Between Hennepin and Lyndale pipes.

TABLE NO. 5—Continued.

OR OF	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
le av	Superior av...	1 NW								1 N		
	Huron av...	1 NW										
	Erie av...	1 SW										
	Ontario av...	1 SW										
	Laurel av...									1 N		
	Hawthorne av											
	Chestnut av...	1 SW						1 N				
	1st av. N...	1 SW						1 S				
	Western av...	1 SW						1 N				
	3d av. N...	1 SW										
	4th av. N...	1 SW										
	5th av. N...	1 SW										
	7th av. N...	1 SW						1 S				
	8th av. N...	1 SW										
	11th av. N...							1 N				
	½ w'y 11 av. N. to 12th av. N.	1						1 S				
	12th av. N...	1 SW										
	Plymouth av...	1 SW										
	14th av. N...	1 SW										
	15th av. N...	1 SW						2 N & S				
	16th av. N...	1 SW										
	Oakland av...	1 SW										
	Mississippi av.	1 SW										
	32d av. N...	1 SW										
	33d av. N...	1 SW						1 S	1 N			
	34th av. N...	1 SW										
	17th av. N...	1 SW										
	18th av. N...	1 SW						1 S				
	Half way...	1										
	20th av. N...	1 SW										
	21st av. N...	1 SW						1 N				
	22d av. N...	1 SW										
	23d av. N...	1 SW										
	24th av. N...	1 SW						1 N				
	25th av. N...	1 SW										
	26th av. N...	1 SW										
	27th av. N...	1 SW							2 N & S			
	29th av. N...	1 SW										
	35th av. N...	1 SW						1 S				
	36th av. N...	1 SW							1 S			
	37th av. N...	1 SW										
	38th av. N...	1 SW										
	39th av. N...	1 SW							1 S			
	40th av. N...	1 SW										
	41st av. N...					1 S						
le av	Superior av...					1 S						
	Vineland av...	1 NW								1 S		
	Groveland av.	1 SW										
	Summit av...	1 NW								1 S		
	Lincoln av...	1 NW										
	W. Franklin av	1 NW								2 N & S		
	W. 22d st...				*1							
	W. 24th st...	1 SW								1 N		
	Half way...	1										
	W. 25th st...	1 NW								2 N & S		
	W. 26th st...	1 NW										
	W. 27th st...					1 S				1 N		
	W. 28th st...	1 NW										
	Half way...	1										
	R. R. tracks...					1 N						
	W. 29th st...	1 NW										
	Half way...	1										
	W. Lake st...					2 N & S						
	Half way...	1										
	W. 31st st...	1 NW										
	Half way...	1										
	W. 32d st...	1 NW										
	ace...	S. 12th st...				1 W						
		S. 13th st...	1 NE			1 E						
	ba av	Cedar av...	1 NE									
E. Franklin av.		1 NE										
20th av. S...												
22d av. S...		1 SE						1 S				
23d av. S...		1 SE										

*On hydrant branch for waste gate.

TABLE NO. 5.—Continued.

OR OF	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated.								
			4	6	8	10	12	16	24	30	36
st.	1st av. N.							1 S			
st.	Western av.	1 SW									
	Hennepin av.			1 S							
	Mary place	1 SW									
	Nicollet av.			1 S							
	1st av. S.	1 NE									
	2d av. S.	1 SE		1 N							
	3d av. S.	1 SE									
	4th av. S.	1 SE									
	5th av. S.	1 NE		2 N & S							
	6th av. S.	1 SE									
	11th av. S.			1 S					3		
	12th av. S.	1 SE									
	15th av. S.	1 SE		1 E							
	Alley	1 SW									
	S.	16th av. S.			1 W						
E 14th st.					1 S						
E 15th st.		1 W									
E 16th st.		1 NW									
E 17th st.		1 NW			1 S						
E 18th st.		1 NW									
E 19th st.		1 NW									
E Franklin av.				1 S	1 N						
E 21st st.		1 NW									
E 22d st.		1 NW									
E 24th st.				1 S							
E 25th st.		1 NW									
E 28th st.				1 S							
E 29th st.		1 SW									
est.		E Lake st.			1 N						
	E 24th st.	1 NW		1 N							
	E 26th st.	1 NW		1 N							
	Nicollet av.			1 W							
	Vine place	1 SW									
	Spruce place.	1 SW									
	Near lot O.	1									
	Near lot E.	1		1							
	Near lot G, or angle.	1									
	N'r Johnson's Lake.	1									
	Hennepin av.	1 SW		1 E							
	6th av. N.			1 N							
	8th av. N.			1 S							
	17th av. N.	1 SW									
	Marshall av.										
av.	S 10th st.	1 SW									
	Waters			2 N & S							
	E 14th st.										
	E 15th st.	1 NW									
	E 16th st.	1 NW									
	E 17th st.	1 NW		1 S							
	E 18th st.	1 NW									
	E 19th st.	1 NW									
	E Franklin av.	1 SW		2 N & S							
	Half way	1									
	E 22d st.	1 NW									
	Half way	1									
	E 24th st.	1 NW		1 N							
	E 25th st.	1 NW									
	E 26th st.	1 NW									
av.	(Waters)			1 N							
	Half way	1									
	E 27th st.	1 NW		2 N & S							
	E 28th st.	1 NW									
	E 29th st.	1 NW		1 N							
	E Lake st.	1 NW		1 S. 1 N							
	E 31st st.	1 NW									
	E 32d st.	1 NW									
	W 29th st.	1 NW									
	W 29½ st.	1 NW									
	W Lake st.			1 N							
	W 24th st.	1 SW			1 S						
	W 25th st.	1 NW									
	W 26th st.	1 SW			1 S						

*North of R.R. tracks.

TABLE NO. 5—Continued.

R OF	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
N AV	Superior av. . .	1 NW								1 N		
	Huron av. . .	1 NW										
	Erie av. . .	1 SW										
	Ontario av. . .	1 SW										
	Laurel av. . .								1 N			
	Hawthorne av. . .							1 N				
	Chestnut av. . .	1 SW						1 N				
	1st av. N. . .	1 SW						1 S				
	Western av. . .	1 SW						1 N				
	3d av. N. . .	1 SW										
	4th av. N. . .	1 SW										
	5th av. N. . .	1 SW						1 S				
	7th av. N. . .	1 SW										
	8th av. N. . .	1 SW						1 N				
	11th av. N. . .							1 S				
	½ w'y 11 av. N. to 12th av. N. . .	1										
	12th av. N. . .	1 SW										
	Plymouth av. . .	1 SW										
	14th av. N. . .	1 SW						2 N & S				
	15th av. N. . .	1 SW										
	16th av. N. . .	1 SW										
	Oakland av. . .	1 SW										
	Mississippi av. . .	1 SW										
	32d av. N. . .	1 SW						1 S	1 N			
	33d av. N. . .	1 SW										
	34th av. N. . .	1 SW										
	17th av. N. . .	1 SW						1 S				
	18th av. N. . .	1 SW										
	Half way. . .	1										
	20th av. N. . .	1 SW						1 N				
	21st av. N. . .	1 SW										
	22d av. N. . .	1 SW										
	23d av. N. . .	1 SW						1 N				
	24th av. N. . .	1 SW										
	25th av. N. . .	1 SW										
	26th av. N. . .	1 SW							2 N & S			
	27th av. N. . .	1 SW										
	29th av. N. . .	1 SW						1 S				
	35th av. N. . .	1 SW							1 S			
	36th av. N. . .	1 SW										
	37th av. N. . .	1 SW										
	38th av. N. . .	1 SW							1 S			
	39th av. N. . .	1 SW										
	40th av. N. . .	1 SW										
	41st av. N. . .				1 S							
N AV	Superior av. . .				1 S				1 S			
	Vineland av. . .	1 NW										
	Groveland av. . .	1 SW							1 S			
	Summit av. . .	1 NW										
	Lincoln av. . .	1 NW										
	W. Franklin av. . .	1 NW							2 N & S			
	W. 22d st. . .			*1								
	W. 24th st. . .	1 SW							1 N			
	Half way. . .	1										
	W. 25th st. . .	1 NW							2 N & S			
	W. 26th st. . .	1 NW										
	W. 27th st. . .				1 S				1 N			
	W. 28th st. . .	1 NW										
	Half way. . .	1										
	R. R. tracks. . .				1 N							
	W. 29th st. . .	1 NW										
	Half way. . .	1										
	W. Lake st. . .				2 N & S							
	Half way. . .	1										
	W. 31st st. . .	1 NW										
	Half way. . .	1										
S AV	W. 32d st. . .	1 NW			1 N							
	S. 12th st. . .			1 W								
	S. 13th st. . .	1 NE		1 E								
	Cedar av. . .	1 NE										
	E. Franklin av. . .	1 NE										
S AV	20th av. S. . .						1 S					
	22d av. S. . .	1 SE										
	23d av. S. . .	1 SE										

*On hydrant branch for waste gate.

TABLE NO. 5.—Continued.

OR OF ST.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.								
			4	6	8	10	12	16	24	30	36
m av	Holden st.	1 NW		1 S							
	Hosag av.	1 SE									
	Highland av.	1 NE		1 N							
d st.	Valley av.	1 E		1 E							
	Hannepln av.	1 NW		1 N							
	¼ way to 1st.		*1								
	1st av N	1 SW		*1 W-E							
	¼ way to N 3d.	1	*1								
	2d av N	1 NW		*1							
	¼ way to N 3d.	1	*1								
	3d av N.	1 NW		*1		1?				1 W	
	In tunnel.			1							
	4th av N	1 NW		*1							
	5th av N	1 SW		*1							
	6th av N	1 SW		*1							
	7th av N.	1 SW		*1						1 S	
	Bassett creek.			*1							
	8th av N	1 SW		*1							
	9th av N	1 SW		*1							
	10th av N.	1 SW		*1							
	Plymouth av.	1 SW		*1			2 N & S			1 S	
	14th av N.	1 SW		*1			2 N & S				
	15th av N	1 SW		*1							
	16th av N.	1 SW		*1							
	17th av N.	1 SW		*1			1 S			1 S	
	18th av N.	1 SW		*1		1					
	19th av N.	1 SW		*1							
	20th av N.	1 SW		*1							
	24th av N.						1 S	1 N		1 S	
	31st av N.									1 S	
	37th av N.									1 S	
d st.	41st av N.	1 NW		*1 W						1 S	
	Nicollet av.	1 SE		*1			1 N			1 S	
	Alley.	1 NE		*1						1 S	
	1st av S.	1 NE		*1						*1	
	¼ way to 2d st	1		*1							
	2nd av. S.	1 NE		*2 *1							
	¼ way to S. 3d	1		*1 11							
	3rd av. S.	1 SE		1 S *1							
	¼ way to S. 4th	1 NE		*1							
	5th av. S.	1 NE		1 N *1						1 N	
	6th av. S.	1 NE					1 S				
	7th av. S.	1 SE					2 N & S				
	8th av. S.	1 NE					1 S				
	9th av. S.	1 NE									
	10th av. S.	1 NE									
	11th av. S.	1 NE					1 N				
av. N.	N. 2d st			*1 1 E			1 W				
	Wash. av	1 NW									
	N. 3d st	1 NW									
	N. 4th st.	1 NE					2 E & W				
	N. 5th st.	1 NW									
	N. 6th st.	1 NW									
	N. 7th st.	1 NE					1 W				
	N. 1st st.	1 SW									
av. S.	S. 2d st.			1 E 1 W							
	Wash. av			2 E & W							
	S. 3d st.			2 E & W							
	S. 4th st.	1 SW									
	S. 5th st.	1 SW		1 W							
	S. 6th st.	1 SW		2 E & W							
	S. 7th st.	1 SW		1 W							
	S. 8th st.	1 SW									
	S. 9th st.	1 SW									
		Flush									
	S. 10th st			2 E & W							
	S. 11th st.	1 SW									
	S. 12th st.	1 SW									
	S. 13th st	1 SE		2 N & S							
	E. Grant st.	1 SW		1 S							
	E. 14th st	1 NW		2 N & S							
	E. 15th st.	1 NW									
	E. 16th st.	1 NW									
	E. 17th st.	1 NW		1 S							

drant branch. ? West of T 36 inches south of hydrant. + On E. of T for drainage. ‡ Nine
uth of hydrant. § W of T 8 T 8 of hydrant. | On connection. ° W of T 5 8 of hydrant.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which sit						
			4	6	8	10	12	16	24
Second av. S.	E. 18th st.	1 NW							
	E. 19th st.	1 NW							
	E. Franklin av.	1 NW		1 N 1 S					
	E. 22d st.	1 NW							
	Waters								
	E. 25th st.			1 S					
	E. 26th st.	1 SW		2 N & S					
	E. 27th st.			2 N & S					
	Half way	1							
	E. 28th st.	1 NW							
	E. Lake st.	1 SW		1 N 1 S					
	Half way	1							
	E. 31st st.	1 NW							
	Half way	1							
	E. 32d st.	1 NW							
	Half way	1							
	E. 33d st.	1 NW		1 S 1 N					
	E. 34th st.	1 NW							
	E. 35th st.	1 SW		1 S					
	E. 29th st.	1 SW							
E. 17th st.	Portland av.	1 SE							
	Half way	1							
	Park av.	1 SE		1 W					
17th av. N.	W. 2d st.		1 E 1 W						
17th av. S.	E. Franklin av.				1 S				
	E. 22d st.	1 NW							
	E. 24th st.	1 NW							
	E. 25th st.	1 NW			2 N & S				
	Half way	1							
	E. 26th st.	1 NW							
	E. 27th st.	1 NW			2 N & S				
	E. 28th st.	1 NW							
	E. 28th st.				1 S				
	E. 29th st.	1 NW							
	E. Lake st.	1 NW			1 N				
S. seventh st.	Hennepin av.	1 Lowry			1 S				
	Half way	1 Lowry							
	Nicollet av.	1 SE			1 N				
	First av. S.	1 NE							
	2d av. S.	1 NE			1 S				
	3d av. S.	1 NE							
	4th av. S.	1 NE			1 N				
	5th av. S.	1 NE			2 N & S				
	6th av. S.				2 N & S				
	7th av. S.	1 SE							
	8th av. S.	1 SE			1 S				
	9th av. S.	1 SE							
	10th av. S.	1 NE							
	11th av. S.	1 SE			1 S				
	12th av. S.	1 SE							
	13th av. S.	1 SE			1 S				
	14th av. S.	1 NE							
	15th av. S.	1 SE			1 N				
	16th av. S.	1 SE							
	17th av. S.	1 SE							
Seventh av. N.	18th av. S.	1 SE							
	Cedar av.				1 W				
	20th av. S.	1 NE		1 E					
	21st av. S.	1 NW							
	25th av. S.			1 W					
	N. 2d st.			1 W					
	Wash'ton av.			1 W					
	N. 3d st.	1 NW		2 E & W					
	N. 4th st.	1 NE		1 E					
	N. 5th st.			1 W					
Seventh av. S.	N. 6th st.	1 NW							
	Hoag av.	1 NE							
	Bradford av.	1 NE							
	Wash'ton av.	1 NW		1 W					
	S. 3d st.	1 NW							
	S. 6th st.	1 NW			1 W				
	S. 7th st.			2 E & W					
	S. 8th st.	1 NE							
	S. 9th st.	1 NE							
	S. 10th st.	1 NE		1 E					
S. Sheridan av.	Kenwood bld.			1 W					

TABLE NO. 5—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hyd- rants.	Number of gates and side of street on w					
			4	6	8	10	12	16
Pleasant av..	W 27th st.....	1 NW			1 S			
	W 28th st.....	1 NW						
	W 29th st.....	1 NW						
	W 30th st.....	1 NW						
	W Lake st.....	1 SW			1 S			
	W 31st st.....	1 NW						
	W 32d st.....	1 NW			1 S			
	W 33d st.....	1 NW						
	Ridgwood av..			1 S				
	W Franklin av	1 NW		1 N				
Plymouth av..	River bank...	1 W		1 W				
	N 1st st.....	1 NW						
	N 2d st.....	1 NW			1 E			1 W
	Wash'ton av..	1 NW						1 W
	N 3d st.....	1 NW						1 W
	N 5th st.....	1 NW						
	N 6th st.....	1 NW				1 W		
	Lyndale av..	1 NE			1 E			1 W
	N Aldrich av..	1 NE						
	N Bryant av..	1 NE						
	N Dupont.....	1 NE						1 W
	N Emerson.....	1 NE						
	N Tremont.....	1 NE						
Portland av..	N Girard.....	1 NE						1 E
	N Humboldt...	1 NE						1 W
	E 14th st.....	1 SW						
	E 15th st.....	1 SW						
	E 16th st.....	1 SW					1	
	E 17th st.....	1 SW						
	E 18th st.....	1 SW						
	E 19th st.....	1 SW						
	E Franklin av	1 N W					2 N & S	
	E 22d st.....	1 N W						
	E 24th st.....	1 SW					1 N	
	E 25th st.....	1 NW						
	E 26th st.....	1 NW						
	E 27th st.....	1 NW					2 N & S	
	E 28th st.....	1 NW						
	E 29th st.....	1 NW						
	E Lake st.....	1 SW			1 S		1 N	
	E 31st st.....	1 NW						
	E 32d st.....	1 NW						
	E 33d st.....	1 NW			1 S 1 N			
	E 34th st.....	1 NW						
	E 35th st.....	1 NW			1 S			
	E 36th st.....	1 NW						
	E 37th st.....	1 NW						
	E 38th st.....	1 NW			1 N			
Portland pl..	E Franklin av			1 S				
	E 22d st.....	1 NW						
Queen av.....	E 24th st.....	1 NW		1 N				
	Kenwood boul			1 S				
Ridgwood av..	All in line of							
	Franklin av..	1 NW						
Ridgwood av..	W 21st st.....	1 NW						
	Lindley av....	1 SW						
Riverside av..	Water.....							
	First angle...	1						
	Pleasant av..	1 SW			2 E & W			
	1 1/2 rd way....	1						
	2-3rds way....	1						
	Lyndale av..	1 SE			1			
	21st av S.....	1 NE						
	22d av S.....	1 NE						1
	23d av S.....	1 NE						
	24th av S.....	1 NE						
Royalston av.	25th av S.....							1 W
	S 4th st.....			1 on con				
	10th av S.....	1 NE						
	20th av S.....							1
	S 5th st.....			1 on con				
Royalston av.	Western av N							
	of 12th st....			1 N				
	R & bridge....			1 N				

* On hydrant branch. + 1 on W. of T. 31 in. of hydrant. 1 on E. of T. 22 f for drainage.

TABLE NO. 5.—Continued.

ST OR UN OF FR.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
ton av	Holden st.	1 NW		1 S								
	Hoag av.	1 SE										
	Highland av.	1 NE		1 N								
ond st..	Valley av.	1		1 E								
	Hennepin av.	1 NW		1 N								
	¼ way to 1st.			*1								
	1st av N.	1 SW		\$1 W-1E								
	¼ way to N3d.	1		*1								
	2d av N.	1 NW		*1								
	¼ way to N3d.	1		*1								
	3d av N.	1 NW		*1							1 W	
	In tunnel.			1			1?					
	4th av N.	1 NW		*1								
	5th av N.	1 SW		*1								
	6th av N.	1 SW		*1								
	7th av N.	1 SW		*1							1 S	
	Bassett creek.			\$1								
	8th av N.	1 SW		*1								
	9th av N.	1 SW		*1								
	10th av N.	1 SW		*1								
	Plymouth av.	1 SW		*1				2 N & S			1 S	
	14th av N.	1 SW		*1				2 N & S				
	15th av N.	1 SW		*1								
	16th av N.	1 SW		*1								
	17th av N.	1 SW		*1				1 S			1 S	
	18th av N.	1 SW		*1	1		1					
	19th av N.	1 SW		*1								
	20th av N.	1 SW		*1								
	24th av N.							1 S	1 N		1 S	
	31st av N.										1 S	
	37th av N.										1 S	
ond st..	41st av N.	1 NW		*1 W				1 N			1 S	
	Nicollet av.	1 SE		*1							*1	
	Alley.	1 NE		*1								
	1st av S.	1 NE		*1								
	¼ way to 2d st	1		*1								
	2nd av S.	1 NE		*2 *1								
	¼ way to S. 3d	1		*1 11								
	3rd av S.	1 SE		1 S *1								
	¼ way to S. 4th			*1								
	5th av S.	1 NE		1 N *1				1 S			1 N	
	6th av S.	1 NE						2 N & S				
	7th av S.	1 SE										
	8th av S.	1 NE						1 S				
	9th av S.	1 NE										
	10th av S.	1 NE										
nd av N.	11th av S.	1 NE						1 N				
	N. 2d st.			*1 1 E			1 W					
	Wash. av.	1 NW										
	N. 3d st.	1 NW						2 E & W				
	N. 4th st.	1 NE										
	N. 5th st.	1 NW										
	N. 6th st.	1 NW						1 W				
	N. 7th st.	1 NE										
d av S..	S. 1st st.	1 SW										
	S. 2d st.			1 E 1 W								
	Wash. av.			2 E & W								
	S. 3d st.	1 SW		2 E & W								
	S. 4th st.	1 SW										
	S. 5th st.	1 SW		1 W								
	S. 6th st.	1 SW		2 E & W								
	S. 7th st.	1 SW		1 W								
	S. 8th st.	1 SW										
	S. 9th st.	1 SW										
	Flush.											
	S. 10th st.			2 E & W								
	S. 11th st.	1 SW										
	S. 12th st.	1 SW										
	S. 13th st.	1 SE		2 N & S								
	E. Grant st.	1 SW		1 S								
	E. 14th st.	1 NW		2 N & S								
	E. 15th st.	1 NW										
	E. 16th st.	1 NW										
	E. 17th st.	1 NW		1 S								

Grant branch. ? West of T 36 inches south of hydrant. * On E. of T for drainage. † Nine
th of hydrant. § W of T 3 T S of hydrant. † On connection. ¶ W of T 3 S of hydrant.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on w					
			4	6	8	10	12	16
Second av S..	E. 18th st....	1 NW						
	E. 19th st....	1 NW						
	E. Franklin av	1 NW	1 N 1 S					
	E. 22d st	1 NW						
	Waters							
	E. 25th st....			1 S				
	E. 26th st....	1 SW	2 N & S					
	E. 27th st....		2 N & S					
	Half way....	1						
	E. 28th st....	1 NW						
	E. Lake st....	1 SW	1 N 1 S					
	Half way....	1						
	E. 31st st....	1 NW						
	Half way....	1						
	E. 32d st....	1 NW						
	Half way....	1						
	E. 33d st....	1 NW	1 S 1 N					
	E. 34th st....	1 NW						
	E. 35th st....	1 SW	1 S					
	E. 26th st....	1 SW						
E. 17th st.....	Portland av..	1 SE						
	Half way....	1						
17th av. N....	Park av.....	1 SE	1 W					
	W. 2d st....		1 E 1 W					
17th av. S....	E. Franklin av				1 S			
	E. 22d st....	1 NW						
	E. 24th st....	1 NW						
	E. 25th st....	1 NW			2 N & S			
	Half way....	1						
	E. 26th st....	1 NW						
	E. 27th st....	1 NW			2 N & S			
	E. 28th st....	1 NW						
	E. 28th st....				1 S			
	E. 29th st....	1 NW			1 N			
	E. Lake st....	1 NW			1 S			
S. seventh st.	Hennepin av..	1 Lowry						
	Half way....	1 Lowry						
	Nicollet av..	1 SE			1 N			
	First av. S...	1 NE						
	2d av. S....	1 NE			1 S			
	3d av. S....	1 NE						
	4th av. S....	1 NE			1 N			
	5th av. S....	1 NE			2 N & S			
	6th av. S....				2 N & S			
	7th av. S....	1 SE						
	8th av. S....	1 SE			1 S			
	9th av. S....	1 SE						
	10th av. S...	1 NE						
	11th av. S...	1 SE			1 S			
	12th av. S...	1 SE						
	13th av. S...	1 SE			1 S			
	14th av. S...	1 NE						
	15th av. S...	1 SE			1 N			
	16th av. S...	1 SE						
	17th av. S...	1 SE						
Seventh av. N.	18th av. S...	1 SE						
	Cedar av....				1 W			
	20th av. S...	1 NE	1 E					
	21st av. S...	1 NW						
	25th av. S...							
	N. 2d st....		1 W					
	Wash'ton av.		1 W					
	N. 3d st....	1 NW	2 E & W					
	N. 4th st....	1 NE	1 E					
	N. 5th st....		1 W					
	N. 6th st....	1 NW						
	Hoag av....	1 NE						
	Bradford av..	1 NE						
Seventh av. S.	Wash'ton av.	1 NW	1 W					
	S. 3d st....	1 NW						
	S. 6th st....	1 NW	1 W					
	S. 7th st....		2 E & W					
	S. 8th st....	1 NE						
	S. 9th st....	1 NE						
	S. 10th st...	1 NE	1 E					
S. Sheridan av	Kenwood bld.		1 W					

TABLE No. 5—Continued.

ST OR SIDE OF FL.	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated.									
			4	6	8	10	10	16	24	30	36	
at av.	S. line of alley to east.	1 SW										
	W. Franklin av.	1 NW										
cent st	W. 21st st.	1 SE										
	Park av.	1 SE										
ve. N.	Chicago av.			1 W								
	N. 2d st.				1 E 1 W							
	N. 5th st.	1 NE										
	N. 6th st.	1 NE										
	Lyndale av.	1 NE		2 E & W								
	Aldrich av.	1 NE										
	Waters.											
	Bryant av.	1 NE										
	Dupont av.	1 NE										
ve. S.	Emerson av.			1 F								
	S. 8th st.			1 W								
	S. 9th st.	1 NE										
	E. 18th st.	1 NW										
	Finsh.											
	E. 19th st.	1 NW										
	Flush.											
	E. Franklin av.	1 NW		2 N & S								
	Half way.	1										
1st st.	E. 22d st.	1 NW										
	Hennepin av.			1 N								
	1st av. N.	1 SE		1 S								
	12th av. N.	1 SE										
	Plymouth av.	1 SE		2 N & S								
	14th av. N.	1 SW		2 N & S								
	15th av. N.	1 SW										
1st st.	16th av. S.	1 SW										
	Hennepin av.	1 SE		1 S								
	Half way.	1										
	Nicollet av.	1 SE		1 N		1 S						
	Alley.	1 NE										
	1st av. S.	1 NE										
	2d av. S.	1 NE				1 N	1 S					
	3d av. S.											
	4th av. S.	1 SE										
	5th av. S.	1 NE										
	6th av. S.	1 NE					2 N & S					
	8th av. S.	1 SE										
	9th av. S.	1 SE					1 S					
	10th av. S.	1 SE										
	11th av. S.	1 SE					1 S					
	12th av. S.	1 SE										
	13th av. S.	1 SE										
	14th av. S.	1 SE					1 N					
	15th av. S.	1 SE										
	16th av. S.	1 SE										
	17th av. S.	1 SE					1 S					
ve. N.	Cedar av.	1 NW										
	N 2d st.				1 W							
	Washington av.				1 W							
	N 3d st.	1 SE			2 E & W							
	N 4th st.				1 E							
	N 5th st.	1 SE		2 E & W								
	N 6th st.	1 NE										
	Hoag av.	1 NE										
	Bradford av.	1 NE										
	Oak Lake av.	1 NE										
	Lyndale av.	1 NE		2 E & W								
	Aldrich av.	1 NE		1 W								
	Bryant av.	1 NE										
	Dupont av.	1 NW										
	Emerson av.	1 NE		1 W								
	Fremont av.	1 NE										
	Girard av.	1 NE										
	Humboldt av.	1 NE		2 E & W								
	150 ft. w. of w. l.											
	of Elwood av.	1 150 ft W										
	James av.	1 150 ft E										
	James av.			1 W								
	N Knox av.	1 NE										
	N Logan av.	1 NE										
	N Morgan av.	1 NE		1 E								

TABLE NO. 5—Continued

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on wl					
			4	6	8	10	12	16
Sixth av N...	N Newton av.	1 NE						
	N Oliver av.	1 NE						
	N Penn av.	1 NE	1 E, 1 W					
	N Queen av.	1 NE						
Sixth av S...	N Russell av.	1 NE						
	S 1st st.	1 NW					1 W	
	S 2d st.						1 W	
	Wash. av.	1 Lowry					2 E & W	
	S 3d st.	1 NW						
	S 4th st.	1 NW						
	S 5th st.	1 NW						
	(Flush)						1 W	
	S 6th st.	1 NW					2 E & W	
	S 7th st.	1 NW					1 W	
	S 8th st.	1 NW						
	(Flush)							
	S 9th st.	1 NW						
	(Flush)							
Six ½ av S...	S 10th st.	1 NE						
	E Lake st.	1 SW		1 S				
	E 31st st.	1 NW						
Spruce place.	E 32d st.	1 NW						
	W 14th st.	1 SW		1 S				
Stevens av....	W 15th st.	1 NW						
	E Grant st.	1 SW		1 S				
	E 14th st.	1 NW	2 N & S					
	E 15th st.	1 NW						
	E 16th st.	1 NW						
	E 17th st.	1 NW		1 N				
	E 18th st.	1 NW						
	E 19th st.	1 NW						
	E Franklin av.		2 N & S					
	Half way.	1						
	E 22d st.	1 NW						
	E 24th st.		2 N & S					
	E 25th st.	1 NW		1 S				
	Half way.	1						
	E 26th st.	1 NW						
	Half way.	1						
	E 27th st.		2 N & S					
	Half way.	1						
	E 28th st.	1 NW						
	Half way.	1						
	E 29th st.	1 NW						
	Half way.	1						
	E Lake st.	1 SW	2 N & S					
	Half way.	1						
	E 31st st.	1 NW						
	Half way.	1						
	E 32d st.	1 NW		1 S				
	Half way.	1						
	E 33d st.	1 NW						
Tenth av. N..	N 2d st.			1 W				1
	N 3d st.		1 E, 1 W					
	N 4th st.	1 NW						
	N 5th st.	1 NW		1 W				
	Bassett's cr'k		1 E, 1 W					
	Oak Lake av.	1 at angl						
	N Logan av.		1 W					
S Third st....	N Morgan.	1 NE						
	Hennepin.	1 NE			1			
	Nicollet.	1 NW						1
	1st av S.			3				
	Half way bet.			2				
	1st & 2d av S.	1						
	2d av. S.	1 SW		2				
		1 NW						
	3d av. S.							1
	4th av. S.	1 NW		2				
		1 SW						
	5th av. S.	1 NE			1			
		1 NE						
	6th av. S.	1 SW		6				
		1 NW						
	7th av. S.	1 SW		X				

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No and location of hy- drants.	Number of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
Third av. S.	E 29th st.	1 NW										
	Half way.	1										
	E Lake st.	1										
	E 31st st.	1 NW							2 N & S			
	E 32d st.	1 NW										
	E 33d st.	1 NW							2 N & S			
	Half way.	1										
	E 34th st.	1 NW										
	Half way.	1										
	E 35th st.	1 NW							1 S			
	Half way.	1										
	E 36th st.	1 NW										
	Half way.	1										
	E 37th st.	1 NW										
	Half way.	1										
	E 38th st.	1 NW							2 N & S			
	E 19th st.	1 NW							1 N, 1 S			
S. 13th st.	1st av S.			1 N				1 S				
	2nd av S.							1 S				
	Harmon pl.	1 SW		1 S								
	Gale pl.	1 SW										
	Vine pl.	1 SW		1 S								
13th av. S.	Wash. av S					1 W						
	S 3d st.	1 NE										
	S 4th st.	1 NW				1 W						
	S 5th st.	1 NW										
	S 6th st.	1 NW				2 E & W						
	S 7th st.	1 NW										
	S 8th st.	1 NW				1 W						
	S 9th st.	1 NW										
	E 17th st.	1 SW										
	E 18th st.	1 NW				1 N						
	E 19th st.	1 NW										
	E Franklin av	1 NW				1 N						
	E 24th st.			1 S								
	E 25th st.	1 NW		1 N								
	E 26th st.	1 NW										
	11th av S	1 SE										
	30th av N	1 NW		1 W								
31st av N	1 NW		1 W									
E 31st st.	3d av S.	1 SE		1 E								
32d av N.	Clinton av.	1 SW										
	N 2d st.	1 NW					1 E		1 W			
W 32d st.	N Lyndale av.								1 E, 1 W			
	Blaisdell av.			1 W								
	Lindley av.	1 SE										
	Pleasant av.			1 E								
33d av N.	N 2d st.	1 NW		1 W								
E 33d st.	3d av S.	1 SE					1 E					
	Clinton av.	1 SE										
	4th av S.	1 SE										
	5th av S.	1 SE										
	Portland av.											
34th av N.	N 2d st.	1 SW			1 W		1 W					
35th av N.	N 2d st.	1 NW		1 W								
36th av N.	N 2d st.				1 E		1 W					
	N Wash av.	1 NW										
	N 3d st.	1 NW										
	N Lyndale av.						1 E, 1 W					
37th av N.	N 2d st.	1 NW		1 W								
38th av N.	N 2d st.	1 NW			1 W							
39th av N.	N 2d st.	1 NW		2 E & W								
Thomas place	James av.			1 W								
	E line of alley	1										
	Logan av.	1 NE										
N 12th st.	Hawthorn av.	1 NW		1 N								
	Half way.	1 SW							1 S			
S 12th st.	Linden av.	1		1 N								
	Henneplin av.	1 SW										
	Harmon place	1 SW										
	Yale place	1 NW							1 N			
	Mary place	1 SW										
	Nicollet av.	1 SW										
	1st av S.	1 NW		1 S					1 N			
	2d av S.			1 S								

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No and location of hy- drants.	Number of gates and side of street on v					
			4	6	8	10	12	16
Third av. S..	E 29th st.....	1 NW						
	Half way.....	1						
	E Lake st.....	1						
	E 31st st.....	1 NW						
	E 32d st.....	1 NW						
	E 33d st.....	1 NW						
	Half way.....	1						
	E 34th st.....	1 NW						
	Half way.....	1						
	E 35th st.....	1 NW						
	Half way.....	1						
	E 36th st.....	1 NW						
	Half way.....	1						
	E 37th st.....	1 NW						
	Half way.....	1						
	E 38th st.....	1 NW						
S. 13th st.	E 19th st.....							
	1st av S.....			1 N			1 S	
	2nd av S.....						1 S	
	Harmon pl.....	1 SW		1 S				
13th av. S.....	Gale pl.....	1 SW						
	Vine pl.....	1 SW		1 S				
	Wash. av S.....				1 W			
	S 3d st.....	1 NE						
	S 4th st.....	1 NW			1 W			
	S 5th st.....	1 NW						
	S 6th st.....	1 NW			2 E & W			
	S 7th st.....	1 NW						
	S 8th st.....	1 NW			1 W			
	S 9th st.....	1 NW						
	E 17th st.....	1 SW						
	E 18th st.....	1 NW			1 N			
	E 19th st.....	1 NW						
	E Franklin av.....	1 NW			1 N			
	E 24th st.....			1 S				
	E 25th st.....	1 NW		1 N				
	E 26th st.....	1 NW						
E 38th st.....	11th av S.....	1 SE						
30th av N.....	N 2d st.....	1 NW		1 W				
31st av N.....	N 2d st.....	1 NW		1 W				
E 31st st.....	3d av S.....	1 SE		1 E				
32d av N.....	Clinton av.....	1 SW						
	N 2d st.....	1 NW					1 E	
W 32d st.....	N Lyndale av.....							
	Blaisdell av.....			1 W				
	Lindley av.....	1 SE						
33d av N.....	Pleasant av.....			1 E				
	N 2d st.....	1 NW		1 W				
E 33d st.....	3d av S.....	1 SE					1 E	
	Clinton av.....	1 SE						
	4th av S.....	1 SE						
	5th av S.....	1 SE						
34th av N.....	Portland av.....						1 W	
	N 2d st.....	1 SW			1 W			
35th av N.....	N 2d st.....	1 NW		1 W				
36th av N.....	N 2d st.....				1 E		1 W	
	N Wash av.....	1 NW						
	N 3d st.....	1 NW						
	N Lyndale av.....						1 E, 1 W	
37th av N.....	N 2d st.....	1 NW		1 W				
38th av N.....	N 2d st.....	1 NW			1 W			
39th av N.....	N 2d st.....	1 NW		2 E & W				
Thomas place	James av.....			1 W				
	E line of alley.....	1						
	Logan av.....	1 NE						
N 12th st.....	Hawthorn av.....	1 NW		1 N				
		1 SW						
	Half way.....	1						
S 12th st.....	Linden av.....			1 N				
	Hennepin av.....	1 SW						
	Harmon place.....	1 SW						
	Yale place.....	1 NW						
	Mary place.....	1 SW						
	Nicollet av.....	1 SW						
	1st av S.....	1 NW		1 S				
	2d av S.....			1 S				

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hydrants.	Number of gates and side of street on which situated.								
			4	6	8	10	12	16	24	30	36
E 24th st	14th av. S.....	1 SW									
	15th av. S.....	1 SE			1 E						
	Bloom'gton av.....	1 SE									
	16th av. S.....	1 SE									
	17th av. S.....	1 SE									
	18th av. S.....	1 SE									
	Cedar av.....	1 SE			2 E&W						
W 24th st.....	Grand av.....	1 SE									
	Hennepin av.....			1 W							
	Emerson av.....	1 SW									
	Fremont av.....	1 SE									
	Girard av.....	1 SE									
	Humboldt av.....	1 SE									
	Irving av.....	1 SE			1 E						
	S Lyndale.....	1 SE			1 W						
25th av. N.....	N 3d st.....	1 NW									
25th av. S.....	Riverside av.....	1 SW			1 S						
	S 9th st.....	1 NW									
	E Franklin av.....	1 NW		2 N & S							
	E 22d st.....	1 NW									
	E 24th st.....	1 NW			1 S						
	E 25th st.....	1 NW									
E 25th st	Nicollet av.....	1 SE			1 E						
	1st av. S.....	1 SE									
	Stevens av.....	1 SE									
	2d av. S.....	1 SE									
	3d av. S.....	1 SE			2 E & W						
	Clinton av.....	1 SE									
	4th av. S.....	1 SE									
	5th av. S.....	1 SE			2 E & W						
	Portland av.....	1 SW			1 W						
	Minn'haha av.....				1 E						
	23d av. S.....	1 SE									
	24th av. S.....	1 SE									
	25th av. S.....	1 SE			1 E						
	26th av. S.....	1 SE			1 E, 1 W						
	27th av. S.....	1 SE			2 E & W						
	28th av. S.....	1 SE									
	29th av. S.....	1 SW									
26th av. N.....	N 2d st.....	1 NW			1 E		1 W				
	Washington av.....	1 NE					1 W				
	N 3d st.....	1 NE									
	N 4th st.....	1 NE									
	N 6th st.....	1 NE									
	Lyndale av.....	1 NE					2 E & W				
26th av. S.....	E 25th to 26th	1									
26th av. N.....	N Emerson.....	1 NE									
E 26th st.....	12th av. S.....	1 SE									
	13th av. S.....	1 SE									
	14th av. S.....	1 SW									
	15th av. S.....	1 SE									
	Bloom'gton av.....	1 SE					1 E				
	16th av. S.....	1 SE									
	17th av. S.....	1 SE									
	18th av. S.....	1 SE									
	Cedar av.....						1 W				
27th av. N.....	N 2d st.....	1 NW		1 W							
27th av. S.....	E 25th st.....				1 S						
	E 26th st.....	1 NW									
	E 27th st.....	1 NW									
	E 28th st.....	1 NW			1 S						
	E 29th st.....	1 NW									
	E Lake st.....				1 N						
E 27th st.....	Nicollet av.....	1 SE					1 E				
	1st av. S.....	1 SE									
	Stevens av.....	1 SE									
	2d av. S.....	1 SE									
	3d av. S.....	1 SE					2 E & W				
	Clinton av.....	1 SE									
	4th av. S.....	1 SE									
	5th av. S.....	1 SE									
	Portland av.....	1 SE					2 E & W				
W 27th st.....	Blaisdell av.....	1 SE									
	Lindley av.....	1 SE									
	Pleasant av.....	1 SE					1 E				
	Grand av.....	1 SE									

[illegible]

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drant.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
Wash. av N...	27th av. N....	1 SW										
	28th av. N....	1 SW										
	29th av. N....	1 SW			1 N							
	30th av. N....	1 SW										
Wash'tn av. S	Tennepin av.							1 S				
	Nicollet av.							2 N & S				
	1st av. S....	1 Lowry										
	2d av. S....	1 Lowry										
	3d av. S....	1 SW										
		Lowry					1 S					
	4th av. S....	1 SW										
		Lowry										
	5th av. S....						2 N & S					
	6th av. S....	1 SW					2 N & S					
Wash. av. S...	7th av. S....	1 SW										
	8th av. S....	1 SW		*1			1 S					
	9th av. S....	1 SW										
	10th av. S....	1 SW										
	11th av. S....	1 SW										
		Flush				1 S						
	12th av. S....	1 SW										
	13th av. S....	1 SW										
		Lowry				1 S						
	14th av. S....	1 SW										
Western av...	Cedar av....	1 SW		1 E		1 W						
		1 SE										
	19th av. S....	1 SE										
	20th av. S....	1 SE										
	21st av. S....	1 SW										
	N. 9th st....	1 NE	2 E & W									
	N. 10th st....	1 NE										
	N. 11th st....	1 NW										
	N. 12th st....	1 NE										
	R. R. bridge.	†1 E			2 E & W							
	Border av....	1 NE										
	Lakeside av.	1 NE										
	Lyndale av.	1 NE			1 W							
	Aldrich av....	1 NE										
	Bryant av....	1 NE										
	Bassett's crk.	1 E	†1 E									
	Dupont av....	1 NE										
	Emerson av....	1 NE			1 E							
	Fremont av....	1 NE										
	Girard av....	1 NE										
	Humboldt av.	1 NE			1 W							
	Irving av....	1 NE										
	James av....	1 NE										
	Knox av....	1 NE										
	Logan av....	1 NE			1 E							
	Morgan av....	1 NE										
	Newton av....	1 NE										
	Oliver av....	1 NE										
	Penn av....	1 NE			2 E & W							
	Queen av....	1 NE										
	Willow st....	Russell av....	1 NE									
Harmon pl.		1 SE		1 S								
Yale place....		1 NE										
Angle....		1 NE										
Adams st....	W Grant st....	1 SE	2 N & S									
	4th av NE....		1 N									
	Half way....											
	Spring st....	1 SW										
	Half way....											
	Summer st....	1 SW										
	Half way....											
	Broadway....	1 SW	2 N & S									
	Half way....											
	13th av NE....	1 SW	1 S									
Alley in b 2 on Nic. Island.	Half way....											
	15th av NE....	1 SW	1 S									
	Half way....											
	17th av NE....	1 SW										
	Maple st....	1 SW										

* Into sewer.

† East side of.

‡ waste.

TABLE NO. 5.—Continued.

EAST SIDE.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
Alley in b 1 on Nic. Isl.	About 66 ft N of Maple st				1							
Alley in b. 3 on Nic. Isl.	About 80 ft N of Ry. sh'ft	1 NW			1							
Bridge st.	Isl. av at w. s.	1 NE						1 W				
Broadway.	Isl. av at e. s.	1 NW										
	Main st.	1 NE			1 E							
	2d st NE.	1 NE										
	3d st NE, nw'd	1 NE										
	3d st NE, sw'd				2 E&W							
	4th st NE.	1 NE										
	4½ st NE.	1 NE										
	5th st NE.	1 NE										
	6th st NE, nw'd	1 NE			1 E							
	Washington st	1 NE										
	Adams st.	1 NE										
	Jefferson st.	1 NE			1 E							
	Madison st.	1 NE										
	Monroe st.	1 NE										
	Quincy st.	1 NE										
	Jackson st.	1 NW										
	Harrison st.	1 NW			1 W			1 E				
Cambridge st	Washington st				1E, 1W							
	Prospect st.	1 NE					1 E					
	Pleasant st.	1 NE										
	State St.	1 NE										
	Church st.	1 NE										
	Union st.	1 NE					1 W					
	Harvard st.	1 NE										
	Walnut st.	1 NE										
Central av.	Oak st.						1 W					
	Main st.	1 NE						1 E				
	2d st.	1 NE										
	4th st.	1 NW					1 E					
	5th st.	1 NE										
	6th st.	1 NE										
	7th st NE.	1 NW										
	8th st SE.	1 NE										
	9th st NE.	*1										
	9th st SE.				1 W							
	10th st NE.	1 NW			1 E							
	Van Buren st.	1 NE										
	Harrison st.				1 W							
Como av.	10th av SE.	1 E of NE										
	11th av SE.	1 NE										
	12th av SE.	1 NE						1 W				
	13th av SE.	1 NE										
	14th av SE.	1 NE										
	15th av SE.	1 NE					1 E					
	Tuttle st.	1 NE										
	16th av SE.	1 NE										
Delaware st.	Oak st.	1 NW										
	Church st.	1 NW										
	Union st.	1 NE			1E, 1W							
	Harvard st.	1 NE										
	Walnut st.	1 NE										
Division st.	Oak st.				1 W							
	Harrison st.	1 NE					1 E					
	Tyler st.	1 NE										
	Polk st.	1 NE										
	Taylor st.				1 W							
	Fillmore st.	1 NW										
	Pierce st.	1 NE										
	Buchanan st.	1 NE					1 W					
	Lincoln st.	1 NE										
	Johnson st.	1 NE										
	11th av SE.	1 NE					1 W					
	12th av SE.	1 NE										
	13th av SE.	1 NW										
	14th av SE.						1 W					
Eighth st SE.	Central av.	1 SW			1 S							
	2d av SE.	1 SW										

*Opposite center.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hydrants.	No. of gates and side of street on which situated.								
			4	6	8	10	12	16	24	30	
Fifth st SE.	3d av SE.	1 SW		2 N & S							
	4th av SE.	1 SW									
	5th av SE.	1 NW									
	8th av SE.	1 NW									
	10th av SE.	1 SW									
	11th av SE.	1 SW		1 S							
	12th av SE.	1 SW									
	13th av SE.	1 SW									
	14th av SE.	1 SW		1 N							
	8th av. NE.	Sibley st.	1 NE								
Ramsey st.		1 NE									
Marshall's t.		1 NE			1 E						
Main st.		1 NE									
2d st NE.		1 NE			1 W						
18½ av. NE.	3d st NE.	1 NE			1 W						
	Monroest.	1 NE			1 E						
	Quincy st.	1 NE									
	Jackson st.	1 NE									
11th av. NE.	Harrison st.	1 NE			1 W						
	Ramsey st.	1 NE			1 E						
	Marshall st.	1 NE									
15th av. SE.	Main st.	1 NE			1 W						
	5th st SE.	1 NE		1 E							
	6th st SE.	1 NE									
	7th st SE.	1 NW									
	8th st SE.	1 NW		1 W							
	Rollins av.	1 SW									
	Brook av.	1 SW									
	Oono av.	1 SW		2 N & S							
	Half way.	1									
	Talmadge av.	1 SW									
	Division st.	1 SW		1 S							
	Division st.	1 SW		1 N							
	Winter st.	1 SW									
	5th st. NE.	Central av.	1 SW		1 N						
		1st st NE.	1 SE								
		2d av NE.	1 SE		1 N						
		3d av NE.	1 SE								
		4th av NE.	1 SE			1 N					
		Alley.	1 NE								
6th av NE.		1 NE			1 N						
7th av NE.		1 SE									
8th av NE.		1 SE									
9th av NE.		1 SE									
Central av.		1 SE			1 S						
1st av SE.		1 SW					1 S				
2d av SE.		1 SW					2 N & S				
3d av SE.		1 SW									
4th av SE.		1 SW									
5th av SE.		1 SW					1 N				
6th av SE.		1 SW									
7th av SE.		1 SW									
Half way.		1		1							
5th av SE.	8th av SE.	1 SW									
	9th av SE.	1 SW									
	10th av SE.	1 SW									
	11th av SE.	1 SW									
	12th av SE.	1 SW		1							
	13th av SE.	1 SW									
	14th av SE.	1 NW		1 N							
	15th av SE.	1 SW					1 S				
	16th av SE.	1 NW					1 S				
	4th st SE.	1 SW		1 E							
	7th st SE.	1 SW		1 E							
	9th st SE.	1 NE									
	Division st.	1 NE		1 S							
	14th av. SE.	3d st SE.	1 SE								
		4th st SE.	1 SE								
	14th av. SE.	5th st SE.	1 NE					1 E			
		6th st SE.	1 NE								
		7th st SE.	1 NW								
		8th st SE.	1 NE					1 W			
Rollins av.		1 SW									
Brook av.		1 SW									
Oono av.		1 SW					1 S				

TABLE NO. 5—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
Fifth st SE.	3d av SE.	1 SW		2 N & S								
	4th av SE.	1 SW										
	5th av SE.	1 NW										
	8th av SE.	1 NW										
	10th av SE.	1 SW										
	11th av SE.	1 SW		1 S								
	12th av SE.	1 SW										
	13th av SE.	1 SW										
	14th av SE.			1 N								
	8th av. NE.	Sibley st.	1 NE									
Ramsey st.		1 NE										
Marshall's t.		1 NE		1 E								
Main st.		1 NE										
3d st NE.		1 NE		1 W								
3d st NE.				1 W								
18½ av. NE.	Monroe st.	1 NE		1 E								
	Quincy st.	1 NE										
	Jackson st.	1 NE										
	Harrison st.			1 W								
11th av. NE.	Ramsey st.	1 NE		1 E								
	Marshall st.	1 NE										
	Main st.			1 W								
15th av. SE.	5th st SE.	1 NE		1 E								
	6th st SE.	1 NE										
	7th st SE.	1 NW										
	8th st SE.	1 NW		1 W								
	Rollins av.	1 SW										
	Brook av.	1 SW										
	Como av.	1 SW		2 N & S								
	Half way.	1										
	Talmadge av.	1 SW										
	Division st.	1 SW		1 S								
	Division st.			1 N								
	Winter st.	1 SW										
	5th st. NE.	Central av.			1 N							
		1st st NE.	1 SE									
		2d av NE.	1 SE		1 N							
3d av NE.		1 SE										
4th av NE.		1 SE			1 N							
Alley.		1 NE										
6th av NE.		1 NE			1 N							
7th av NE.		1 SE										
8th av NE.		1 SE										
9th av NE.		1 SE			1 S							
Central av.							1 S					
1st av SE.		1 SW										
2d av SE.		1 SW					2 N & S					
3d av SE.		1 SW										
4th av SE.		1 SW										
5th av SE.		1 SW					1 N					
6th av SE.		1 SW										
7th av SE.		1 SW										
Half way.				1								
8th av SE.		1 SW										
9th av SE.		1 SW										
10th av SE.		1 SW										
11th av SE.		1 SW										
12th av SE.		1 SW		1								
13th av SE.		1 SW										
14th av SE.		1 NW		1 N								
15th av SE.		1 SW					1 S					
16th av SE.		1 NW					1 S					
5th av SE.	4th st SE.			1 E								
	7th st SE.			1 E								
	9th st SE.	1 NE										
	Division st.			1 S								
	3d st SE.	1 SE										
14th av. SE.	4th st SE.					1 E						
	5th st SE.	1 NE										
14th av. SE.	6th st SE.	1 NE				1 E						
	7th st SE.	1 NW										
	8th st SE.	1 NE				1 W						
	Rollins av.	1 SW										
	Brook av.	1 SW										
	Como av.	1 SW				1 S						

STREET OR AVENUE OF PIPES.	Intersecting street.	No. and location of hydrants.	Number of gates and side of street on which situated.								
			4	6	8	10	12	16	24	30	36
Jefferson st.	17th av NE	1 SW									
Madison st.	4th av NE	1 SW		1 N			1 S				
	Half way	1									
	Spring st.	1 SW									
	Half way	1									
	Summer st.	1 NW									
	Broadway				1						
Main st. N. E.	Central av	1 NW		1 N							
	1st av NE	1 SE									
	2d av NE	1 SE		1 N							
	3d av NE	1 SE									
	4th av NE	1 SE									
	5th av NE	1 SE									
	6th av NE	1 SE		1 S							
	7th av NE	1 NW									
	8th av NE	1 SW		1 N							
	9th av NE	1 SW									
	10th av NE	1 SW									
	Broadway or										
	11th av NE	1 SW		1 S	1 N						
	12th av NE	1 SW									
	13th av NE	1 SW			2 N & S						
	14th av NE	1 SW									
	15th av NE	1 SW									
	16th av NE	1 SW			1 S						
	17th av NE	1 SW									
	18th av NE	1 SW			1 S						
Main st. S. E.	2d av SE	1 SE									
	3d av SE	1 NE			1 N						
	Central av			1 S							
	Bank st.	1 NE									
Marshall st.	4th av NE	1 NW									
	5th av NE	1 SW									
Marsh'll st NE	13th av NE			1 N							
	14th av NE	1 SW									
	Half way	1									
	15th av NE	1 SW		1 S							
	16th av NE	1 SW									
	Half way	1									
	18th av NE	1 SW		1 N							
	1-third way	1									
	2-thirds way	1									
	22d av NE	1 SW		1 S							
	24th av NE	1 SW									
	25th av NE	1 SW		1 N							
	250 ft N of ct'r										
	of 25th av NE	1									
M'rsh'll av SE	Oak st.	1 NE						1 E			
	21st av SE	1 NE									
	22d av SE	1 NE									
	22½ av SE	1 NE						1 W			
	23d av SE	1 NE									
	24th av SE	1 NE									
	25th av SE	1 NE									
	W of R k							1			
Monroe st. NE	Central av			1 N							
	2d av NE	1 SW									
	3d av NE	1 NW		1 N							
Monroe st....	Spring st.	1 SW									
	Summer st.	1 NW									
	Half way	1									
	Broadway			1 S	1 N						
	Half way	1									
	13th av NE	1 SW									
	15th av NE	1 SW					1 S				
	17th av NE	1 SW									
	18th av NE	1 op NE									
	18¼ av NE				1 S						
Ninth st. S. E.	9th av SE			1 S							
	10th av SE			1 N							
Ninth av. S. E.	7th st SE			1 E							
	8th st SE	1 NE									
	9th st SE	1 NE									
	E of tracks.	1									
Oak st.....	4th st SE							1 S			
	Arlington st.	1 SW									

TABLE No. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting streets.	No. and location of hy- drant.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
Sixth st SE...	16th av SE....	1 NW										
Sixth av SE..	9th st SE....	1 NW										
	R. R. tracks..	1 W of T										
	Division st...			1 S								
Sixth st NE..	Broadway....			1 N								
	13th av NE....	1 SW										
	15th av NE....	1 SW		1 N, 1S								
	17th av NE....	1 SW										
Sixth av NE..	Marshall st...	1 NE		1 E								
	Main st....	1 NE										
	2d st NE....	1 NE										
	3d st NE....			1 W								
Spring st....	Harrison st...	1 NE		1 E								
	Tyler st....	1 NE										
	Polk st....	1 NE										
	Taylor st....	1 NE		1 W								
	Fillmore st...	1 NE										
	Pierce st....	1 NW										
State st.....	Beacon st....	1 NW										
	Cambridge st..			1 N								
Taylor st....	Division st...	1 NW										
10 st NE....	3d av NE....	1 SW										
3d st NE.....	Central av....	1 NE					1 N					
	1st av NE....	1 NE										
	2d av NE....	1 NE										
	3d av NE....	1 NE										
	4th av NE....	1 NE										
	5th av NE....	1 NE										
	6th av NE....	1 SE					1					
	7th av NE....	1 NE										
	8th av NE....	1 NE										
	9th av NE....	1 NE										
	10th av NE or											
	Broadway....	1 SE					1 S					
3d st SE.....	Central av....	1 SW					1 S					
	1st av SE....	1 NW										
	2d av SE....	1 SW										
	3d av SE....	1 NW		1 S			1 N					
	4th av SE....	1 NE										
	5th av SE....	1 NE										
	6th av SE....	1 NE										
	7th av SE....	1 NE		1								
	8th av SE....	1 NE										
	9th av SE....	1 NE										
	10th av SE....	1 NE										
	11th av SE....	1 NE										
	12th av SE....	1 NE										
	13th av SE....	1 NE										
	14th av SE....	1 SW		1								
	15th av SE....	1 NE										
	Oak st....	1 NE		1 E								
	23d av SE....	1 SE										
	24th av SE....	1 SE		1 E								
	25th av SE....	1 SE										
	26th av SE....	1 SE										
	27th av SE....	1 SE		1 E								
	28th av SE....	1 SE										
	29th av SE....	1 SE										
	30th av SE....	1 SE										
	Malcolm av..	1 NE		1 W								
3d av NE.....	5th st NE....				1 E							
	Madison st...	1 NE										
	Monroe st....	1 NE										
	Quincy st....	1 NE			1 E							
	Jackson st....	1 NE										
	Van Buren st..	1 NE										
3d av SE.....	On Hen. Isl'nd											
	in pump hse								1			
	Main st....	1 SE										
	2d st SE....	*1 NE										
		*1 SW										
	3d st SE....	1 NE										
	4th st SE....								2 E & W			
	5th st SE....	1 NE										
	6th st SE....	1 NE										

* On parallel pipe.

† From 8-inch pipe alongside of 24-inch pipe.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting streets.	No. and location of hy- drant.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	80	36	
Sixth st SE....	16th av SE....	1 NW										
Sixth av SE....	9th st SE....	1 NW										
	R. R. tracks	1 W of T										
	Division st			1 S								
Sixth st NE....	Broadway....			1 N								
	13th av NE....	1 SW										
	15th av NE....	1 SW		1 N, 1 S								
	17th av NE....	1 SW										
Sixth av NE....	Marshall st..	1 NE		1 E								
	Main st.....	1 NE										
	2d st NE.....	1 NE										
	3d st NE.....			1 W								
Spring st.....	Harrison st..	1 NE			1 E							
	Tyler st.....	1 NE										
	Polk st.....	1 NE										
	Taylor st.....	1 NE		1 W								
	Fillmore st..	1 NE										
	Pierce st.....	1 NW										
State st.....	Beacon st....	1 NW										
	Cambridge st.			1 N								
Taylor st.....	Division st..	1 NW										
10 st NE.....	3d av NE.....	1 SW										
3d st NE.....	Central av....	1 NE					1 N					
	1st av NE.....	1 NE										
	2d av NE.....	1 NE										
	3d av NE.....	1 NE										
	4th av NE.....	1 NE										
	5th av NE.....	1 NE										
	6th av NE.....	1 SE					1					
	7th av NE.....	1 NE										
	8th av NE.....	1 NE										
	9th av NE.....	1 NE										
	10th av NE or											
	Broadway....	1 SE					1 S					
3d st SE.....	Central av....	1 SW					1 S					
	1st av SE.....	1 NW										
	2d av SE.....	1 SW										
	3d av SE.....	1 NW		1 S			1 N					
	4th av SE.....	1 NE										
	5th av SE.....	1 NE										
	6th av SE.....	1 NE										
	7th av SE.....	1 NE		1								
	8th av SE.....	1 NE										
	9th av SE.....	1 NE										
	10th av SE....	1 NE										
	11th av SE....	1 NE										
	12th av SE....	1 NE										
	13th av SE....	1 NE										
	14th av SE....	1 SW		1								
	15th av SE....	1 NE										
	Oak st.....	1 NE		1 E								
	23d av SE....	1 SE										
	24th av SE....	1 SE		1 E								
	25th av SE....	1 SE										
	26th av SE....	1 SE										
	27th av SE....	1 SE		1 E								
	28th av SE....	1 SE										
	29th av SE....	1 SE										
	30th av SE....	1 SE										
	Malcolm av..	1 NE		1 W								
3d av NE.....	5th st NE....				1 E							
	Madison st....	1 NE										
	Monroe st....	1 NE										
	Quincy st....	1 NE			1 E							
	Jackson st....	1 NE										
	Van Buren st.	1 NE										
3d av SE.....	On Hen. Isl'nd											
	In pump hse											
	Main st.....	1 SE										
	2d st SE.....	*1 NE										
		*1 SW										
	3d st SE.....	1 N										
	4th st SE....											
	5th st SE....	1 S										
	6th st SE....	1										

* On parallel pipe.

TABLE NO. 5.—Continued.

[illegible]

TABLE No. 6.

Showing Number and Location of Sprinkling Stand Pipes (West Side).

First street and	Second avenue south.
" "	Sixth avenue south.
" "	Twentieth avenue south.
" "	Fourth avenue north.
" "	Eighth avenue north.
Second street and	Tenth avenue south.
" "	Fourteenth avenue south.
Two and one-half street and	Twentieth avenue south.
Second street and	Third avenue north.
" "	Plymouth avenue north.
" "	Sixteenth avenue north.
" "	Twentieth avenue north.
" "	Twenty-fourth avenue north.
" "	Twenty-seventh avenue north.
" "	Thirtieth avenue north.
" "	Thirty-third avenue north.
" "	Thirty-eighth avenue north.
" "	Forty-first avenue north.
Washington avenue and	First avenue south.
" "	Fourth avenue south.
" "	Eighth avenue south.
" "	Thirteenth avenue south.
" "	Fifteenth avenue south.
" "	Nineteenth avenue south.
" "	Twenty-first avenue south.
" "	Second avenue north.
" "	Fifth avenue north.
" "	Seventh avenue north.
" "	Eighth avenue north.
" "	Twelfth avenue north.
" "	Fifteenth avenue north.
" "	Eighteenth avenue north.
" "	Twenty-second avenue north.
" "	Twenty-sixth avenue north.
" "	Thirty-sixth avenue north.
Third street and	Second avenue south.
" "	Ninth avenue south.
" "	Eleventh avenue south.
" "	Cedar avenue.
" "	Third avenue north.
" "	Ninth avenue north.
Fourth street and	Third avenue south.
" "	Sixth avenue south.
" "	Fifteenth avenue south.
" "	Riverside avenue south.
" "	Twentieth avenue south.
Riverside avenue and	Twenty-fifth avenue south.
Fourth street and	Hennepin avenue.
" "	Second avenue north.
" "	Sixth avenue north.
" "	Tenth avenue north.
" "	Sixteenth avenue north.
" "	Plymouth avenue north.
" "	Twentieth avenue north.
" "	Twenty-sixth avenue north.
Fifth street and	Eighth avenue south.
" "	Eleventh avenue south.
" "	Cedar avenue.
" "	Twentieth avenue south.
" "	Third avenue north.
" "	Seventh avenue north.
" "	Tenth avenue north.
Sixth street and	Second avenue south.
" "	Sixth avenue south.
" "	Thirteenth avenue south.
" "	Sixteenth avenue south.
" "	Eleventh avenue north.
" "	Fourteenth avenue north.
Sixth avenue and	Oak Lake avenue north.
Oak Lake avenue and	Eighth avenue north.
Royalston avenue and	Hoag avenue north.
" "	North of Bridge.
Seventh street and	Fifth avenue south.
" "	Seventh avenue south.
" "	Eleventh avenue south.
" "	Fifteenth avenue south.
" "	Nineteenth avenue south.
" "	Twenty-first avenue south.
Seventh street and	First avenue north.
" "	on Lyndale avenue.

Seventh street and Eighth avenue north.
 " " " Twelfth avenue north.
 " " " Sixteenth avenue north.
 " " " between Laurel and Hawthorne.
 " " " and Superior avenue.
 Eighth street and Nicollet avenue.
 " " " Third avenue south.
 " " " Twelfth avenue south.
 " " " Fourteenth avenue south.
 " " " Cedar avenue.
 " " " Seventeenth avenue south.
 " " " Twenty-second avenue south.
 " " " Twenty-eighth avenue south.
 " " " Fourth avenue north.
 " " " Eleventh avenue north.
 " " " Twentieth avenue north.
 " " " Western avenue.
 Ninth street and Fifth avenue south.
 " " " Eighth avenue south.
 " " " Twenty-fifth avenue south.
 " " " Sixth avenue north.
 " " " Sixteenth avenue north.
 " " " Twentieth avenue south.
 Tenth street and First avenue south.
 " " " Fourth avenue south.
 " " " Eighth avenue south.
 " " " Thirteenth avenue south.
 " " " Hennepin avenue.
 " " " Sixteenth avenue north.
 Tenth street and Eighth avenue north.
 " " " Twenty-fifth avenue north.
 Eleventh street and Western avenue.
 " " " Eleventh avenue north.
 " " " Plymouth avenue north.
 " " " Twenty-fourth avenue north.
 Twelfth street and Nicollet avenue.
 " " " Third avenue south.
 " " " Hennepin avenue.
 " " " Twentieth avenue north.
 Thirteenth street and Nicollet avenue.
 " " " Stevens avenue south.
 " " " Sixth avenue south.
 " " " Sixth avenue north.
 Fourteenth street and Spruce place.
 " " " Hennepin avenue.
 Fifteenth street and Fourth avenue south.
 " " " Seventh avenue south.
 " " " Eleventh avenue south.
 " " " Sixth avenue north.
 Sixteenth street and Third avenue south.
 " " " Harmon place.
 " " " Stevens avenue.
 " " " Linden avenue.
 " " " James avenue north.
 " " " Fifth avenue north.
 Seventeenth street and Sixth avenue south.
 " " " Spruce place.
 " " " Nicollet avenue.
 " " " Hennepin avenue.
 " " " Groveland avenue.
 Eighteenth street and Eighth avenue south.
 " " " Tenth avenue south.
 " " " Clinton avenue.
 " " " Western avenue north.
 Nineteenth street and Stevens avenue.
 " " " Fifth avenue south.
 " " " Ninth avenue south.
 " " " Lindley avenue.
 Twentieth street and Nicollet avenue south.
 " " " Lyndale avenue.
 " " " Third avenue south.
 " " " Seventh avenue south.
 " " " Eleventh avenue south.
 " " " Sixteenth avenue south.
 " " " Cedar avenue.
 " " " Twentieth avenue south.
 " " " Twenty-second avenue south.
 " " " Twenty-fifth avenue south.
 " " " Hennepin avenue.
 Twenty-second street and Fourth avenue south.
 " " " Sixth avenue south.
 " " " Eighth avenue south.
 " " " Eleventh avenue south.
 " " " Fourteenth avenue south.
 " " " Minnehaha avenue.
 " " " Twenty-sixth avenue south.

Twenty-fourth street and	Blaisdell avenue.
" " "	Stevens avenue.
" " "	Third avenue south.
" " "	Eleventh avenue south.
" " "	Thirteenth avenue south.
" " "	Bloomington avenue south.
" " "	Sixteenth avenue south.
" " "	Cedar avenue.
" " "	Minnehaha avenue.
" " "	Hennepin avenue
" " "	Irving avenue.
Twenty-fifth street and	First avenue south.
" " "	Fourth avenue south.
" " "	Sixth avenue south.
" " "	Seventh avenue south.
" " "	Ninth avenue south.
" " "	Seventeenth avenue south.
" " "	Minnehaha avenue.
" " "	Twenty-fifth avenue south.
" " "	Twenty-seventh avenue south.
" " "	Pleasant avenue.
" " "	Lyndale avenue.
Twenty-sixth street and	Nicollet avenue.
" " "	Grand avenue.
" " "	Clinton avenue.
" " "	Eighth avenue south.
" " "	Thirteenth avenue south.
" " "	Bloomington avenue south.
" " "	Cedar avenue.
Twenty-seventh street and	Dupont avenue south
" " "	Lyndale avenue south.
" " "	Pleasant avenue south.
" " "	Stevens avenue.
" " "	between Fifth and Sixth avenues south
" " "	and Park avenue.
" " "	Twenty-seventh avenue south.
" " "	Hennepin avenue.
Twenty-eighth street and	Harriet avenue.
" " "	Nicollet avenue.
" " "	Clinton avenue south.
" " "	Fourteenth avenue south.
" " "	Seventeenth avenue south.
" " "	Cedar avenue.
Twenty-ninth street and	Park avenue south.
Lake street and	Irving avenue.
" " "	Hennepin avenue.
" " "	Dupont avenue.
" " "	Lyndale avenue.
" " "	Pleasant avenue.
" " "	Nicollet avenue.
" " "	Third avenue south.
" " "	Sixth avenue south.
" " "	Eighth avenue south.
" " "	Fourteenth avenue south.
" " "	Cedar avenue.
" " "	Hiawatha avenue.
Thirty-first street and	Pillsbury avenue.
" " "	Bloomington avenue.
Thirty-second street and	Hennepin avenue.
" " "	Pleasant avenue.
" " "	Lyndale avenue.
" " "	Stevens avenue.
" " "	Clinton avenue.
Thirty-third street and	Fourth avenue south.
Thirty-fourth street and	Hennepin avenue.
" " "	Eighth avenue south.
" " "	Cedar avenue.
Thirty-fifth street and	Irving avenue.
Thirty-sixth street and	Lake Calhoun.
Thirty-eighth street and	Third avenue south.
" " "	Eighth avenue south.
Kenwood boulevard and	Mt. Curve avenue.
" " "	Sheridan avenue.
" " "	Twenty-second street.
Crystal Lake avenue and	James avenue.
" " "	Twenty-first street.
" " "	Penn avenue.
Clifton avenue between	Vine and Clifton Place.

TABLE NO. 6.—*Continued.*

EAST SIDE.

Nicollet Island and Park street.
" " " Central.
" " " Maple place.
" " " Main street.
Main street and Second avenue south-east.
" " " First avenue northeast.
" " " Fourth avenue northeast.
" " " Sixth avenue northeast.
" " " Eighth avenue northeast.
" " " Broadway northeast.
" " " Seventeenth avenue northeast.
Marshall street and Thirteenth avenue northeast.
" " " Fourteenth avenue northeast.
" " " Seventeenth avenue northeast.
" " " Twenty-second avenue northeast.
" " " Twenty-sixth avenue northeast.
Ramsey street and eighth avenue northeast.
University avenue and Second avenue southeast.
" " " Fifth avenue southeast.
" " " Tenth avenue southeast.
" " " Sixteenth avenue southeast.
" " " Oak street southeast.
" " " Twenty-fourth avenue southeast.
" " " Thirty-first avenue southeast.
" " " First avenue northeast.
" " " Third avenue northeast.
" " " Eighth avenue northeast.
" " " Broadway northeast.
Fourth street between Fourth and Fifth avenues southeast.
" " " and Seventh avenue southeast.
" " " Tenth avenue southeast.
" " " Twelfth avenue southeast.
" " " Twentieth avenue southeast.
" " " Central avenue northeast.
Fifth street and Third avenue southeast.
" " " Eighth avenue southeast.
" " " Fourteenth avenue southeast.
" " " Third avenue northeast.
Sixth street and Sixth avenue southeast.
" " " Eleventh avenue southeast.
" " " Adams street northeast.
Adams street and Broadway northeast.
" " " Seventeenth avenue northeast.
Seventh street and Central avenue.
" " " Second avenue southeast.
" " " Fifth avenue southeast.
" " " Eighth avenue northeast.
Monroe street and Third avenue northeast.
" " " Broadway northeast.
" " " Fifteenth avenue northeast.
" " " Eighteen and one-half avenue northeast.
Madison street and Spring street northeast.
Ninth street and Fifth avenue southeast.
" " " Tenth avenue southeast.
Tenth street and Third avenue northeast.
Como avenue and Fourteenth avenue southeast.
Rollins and Fourteenth avenue southeast.
Jefferson street between Fourteenth and Fifteenth avenues northeast.
Central avenue and Broadway northeast.
" " " Eighteen and one-half avenue northeast.
" " " Twenty-second avenue northeast.
" " " Twenty-fifth avenue northeast.
Cambridge street and Howard street southeast.
Washington street and Fifteenth avenue northeast.
Polk street and Twenty-fifth avenue northeast.

TABLE NO. 7.

*Showing the Number and Location of Watering Troughs and Fountains in City,
January 1, 1892.*

FOUNTAINS.

On Bridge square.
Cedar avenue and Washington avenue.
Minnehaha and Twentieth avenue south.
Plymouth avenue and First street.
Central avenue and Fifth street, East Side.
Monroe street and Third avenue northeast.
Grant street and Clinton avenue.

Tenth avenue south and Eighth street.
 Dupont avenue and Twenty-sixth avenue north.
 Broadway and University avenue northeast.
 Fifth street and Fourth avenue northeast.
 Twelfth street and Western avenue.
 Twentieth avenue north and Second street.
 Thirty-sixth avenue north and Washington.
 Thirty-sixth street and Lake Calhoun.
 Twentieth avenue north and James avenue.

TROUGHS.

On Plymouth avenue and Tenth street.
 Washington avenue and Fifteenth avenue north.
 Marshall avenue and Eighth avenue northeast.
 Marshall avenue and Sixth avenue northeast.
 University avenue and Fourteenth avenue southeast.
 Main street and Thirteenth avenue northeast.
 Lake street and Lyndale avenue.
 Lyndale avenue and Eleventh avenue north.
 Dupont and Plymouth avenues.
 Twenty-fifth avenue northeast and Marshall.

TABLE NO. 8.

Showing Location of New Hydrants Set During the Year 1891.

New Hydrant set on	Washington and Fourth avenue north.
" " "	Fifth street and Seventh avenue north.
" " "	Portland avenue and Lake street.
Old	Central avenue and Fourth street.

TABLE NO. 9.

Showing Hydrants Repaired During the Year 1891, with Locations.

Four hydrants on	Fourth street and Eighth avenue southeast.
Three hydrants on	Clifton avenue.
Hydrants repaired on	First avenue south and Second street.
" "	Eighth street and Thirteenth avenue south.
" "	Sixteenth avenue northeast and Washington.
" "	Spring and Summer streets northeast.
" "	Nicollet avenue and Eleventh street.
" "	First avenue south and Third street.
" "	Marshall street and Eighth avenue northeast.
" "	Hennepin avenue and Twelfth street.
" "	Western avenue and Eleventh street.
" "	Tenth avenue north and Third street.
" "	Fifth avenue and Bryant north.
" "	Seventh avenue north and Third street.
" "	Twelfth avenue north and Girard avenue.
" "	Third street and Sixth avenue north.
" "	Grand avenue and Twenty-second street.
" "	Stevens avenue and Seventeenth street.
" "	Fifteenth street and Vine place.
" "	Kenwood and Twenty-first street.
" "	Twelfth avenue south and Third street.
" "	Clinton avenue and Twenty-sixth street.
" "	Vine place and Fourteenth street.
" "	Fifteenth street and Nicollet avenue.
" "	Central avenue and Sixth street southeast.
" "	Third street and Thirteenth avenue south.
" "	Ninth street and Fifteenth avenue south.
" "	Central and Eighteenth avenues northeast.
" "	Central and Nineteenth avenues northeast.
" "	Central and Twenty-first avenues northeast.
" "	Central and Twenty-second avenues northeast.
" "	Park av. between Twenty-sixth and Twenty-seventh streets.
" "	Marshall street and Fourteenth avenue northeast.
" "	Central and Thirteenth avenues northeast.
" "	Central and Fourteenth avenues northeast.
" "	Seventeenth avenue and Eighth street south.
" "	Twentieth avenue north and Emerson avenue.
" "	Riverside and Nineteenth avenues south.
" "	Cedar avenue and Twenty-second street south.
" "	Central avenue and Bucannon street northeast.
" "	Washington avenue and Seventeenth street north.
" "	Nicollet avenue and Twenty-third street.
" "	Ridgewood and Lyndale avenues.
" "	Sixteenth street and Vine place.
" "	Sixteenth avenue and Fifth street north.

Hydrants repaired on	Second avenue north and Fifth street.
" "	Second avenue and Twentieth street.
" "	Sixteenth avenue south and Twentieth street.
" "	Nicollet avenue and Seventh street.
" "	Second avenue south and Sixth street.
" "	Washington and Eleventh avenues south.
" "	Eleventh avenue south and Third street.
" "	Second street between Nicollet and First avenues south.
" "	Second street between First and Second avenues south.
" "	Tenth avenue northeast and Second street.
" "	Second street between Third and Fourth avenues south.
" "	Second street and Fourth avenue south.
" "	Ninth street and Fifteenth avenue south.
" "	Hennepin and Lyndale avenues.
" "	Jackson and Broadway.
" "	Lyndale and Twelfth avenues north.
" "	Seventh avenue south and Eighth street.
" "	Seventh avenue south and Twenty-sixth street.
" "	Cedar avenue and Ninth street.
" "	Plymouth avenue and Fourth street.
" "	James and Crystal Lake avenue.
" "	Twenty-sixth avenue north and Sixth street.
" "	Eighth street and Sixteenth avenue south.
" "	Fourth avenue and Seventh street southeast.
" "	First street and Fifth avenue north.
" "	First avenue and Twenty-seventh street south.
" "	Third avenue and Seventh street southeast.
" "	Oak and Fourth streets southeast.
" "	Fifth street and Eleventh avenue north.
" "	Fremont and Twenty-fourth avenues north.
" "	Fremont and Twenty-sixth avenues north.
" "	Sixth avenue and Russell avenue north.
" "	Russell and Tenth avenues north.
" "	Western and Morgan avenues.
" "	Seventh street and Sixth avenue southeast.
" "	Bloomington avenue and Twenty-second street.
" "	Twentieth avenue and Sixth street north.
" "	Third avenue and Second street southeast.
" "	Main street and Second avenue southeast.
" "	Nicollet Island and Maple.
" "	Nicollet Island and Central avenue.
" "	Pleasant avenue and Franklin.
" "	Lindley and Franklin avenues.
" "	First street and Eighth avenue north.
" "	Fifth street and Thirteenth avenue south.
" "	Cedar avenue and Eighth street.
" "	Ninth street and Twenty-fifth avenue north.
" "	Tenth street and Twentieth avenue north.
" "	Seventh street and Seventh avenue southeast.
" "	Seventh street and Eighth avenue southeast.
" "	Adams street and Fifteenth avenue northeast.
" "	Cedar avenue and First street.
" "	Nicollet avenue and First street.
" "	Nicollet avenue and Thirty-first street.
" "	Nicollet avenue and Thirty-second street.
" "	Hennepin avenue between Lake and Thirty-second street.
" "	Fifth avenue and Fifth street south.
" "	Fifteenth avenue and second street north.
" "	Second street and First avenue north.
" "	Third avenue and Thirty-sixth street south.
" "	Stevens avenue and Thirty-first street.
" "	Monroe and Spring streets, northeast.
" "	Twenty-fourth street and Park avenue.
" "	Twenty-fourth street and Grand avenue.

HYDRANTS TAKEN OUT AND NOT REPLACED.

One on	Fifth street and Eleventh avenue north.
" "	Ridgwood and Lyndale avenues.
" "	Hennepin between Oak Grove and Groveland.
" "	Fifth street and Fourth avenue north.
" "	Third street and Fifth avenue north.

TABLE NO. 94.

Showing Hydrants Moved During the Year 1891.

Hydrants moved on	Fifth street and Third avenue north.
" "	Lake street and Twenty-seventh avenue south.
" "	Second street and Twentieth avenue north.
" "	Washington and Twentieth avenue north on southwest corner
" "	Fourteenth street and Stevens avenue.
" "	Central and Twenty-third avenue northeast.
" "	Central and Twenty-fourth avenue northeast.
" "	Central and Twenty-fifth avenue northeast.

Hydrants moved on	Central and Eighteenth and one-half avenue northeast.
"	Central and Nineteenth avenue northeast.
"	Central and Twenty-first avenue northeast.
"	Central and Twenty-second avenue northeast.
"	Forest and Groveland avenues.
"	Hennepin and Nineteenth street.
"	Hennepin and Twentieth street.
"	Hennepin and Twenty-first street.
"	Hennepin and Twenty-second street.
"	Hennepin and Twenty-third street.
"	Hennepin and Twenty-fourth street.
"	Hennepin and Summit avenues.
"	Hennepin between Nineteenth and Twentieth streets,
"	Central avenue and Broadway.
"	Hennepin between Twenty-fourth and Twenty-fifth streets.
"	Hennepin and Twenty-fifth street.
"	Hennepin between Twenty-fifth and Twenty-sixth streets.
"	Hennepin and Twenty-sixth street.
"	Twentieth avenue north and Washington northeast.
"	Hennepin between Twenty-sixth and Twenty-seventh streets.
"	Hennepin and Twenty-seventh street.
"	Hennepin between Twenty-seventh and Twenty-eighth streets.
"	Hennepin and Twenty-eighth street.
"	Hennepin between Twenty-eighth and Twenty-ninth streets.
"	Hennepin and Twenty-ninth street.
"	Hennepin between Twenty-ninth and Thirtieth streets.
"	Fourth street and Tenth avenue south.
"	Third street and Fifteenth avenue south.
"	Fourth street and Eleventh avenue south.
"	Central avenue and Ninth street.
"	Washington and Twenty-second avenue north.
"	Emerson and Twentieth avenue north.
"	Washington and Twenty-seventh avenue north.
"	Washington and Twenty-fifth avenue north.
"	Washington and Twenty-sixth avenue north.
"	Second street and Eighth avenue northeast.
"	Second street and Ninth avenue northeast.
"	Second street and Tenth avenue northeast.
"	First street and Twentieth avenue north.
"	Twentieth avenue north near bridge.
"	Monroe street and Fifteenth avenue northeast.
"	Monroe street and Seventeenth avenue northeast.
"	Monroe street and Eighteenth avenue northeast.
"	Fifth street and Sixth avenue north.
"	Twelfth street and First avenue south.
"	Monroe street and Third avenue northeast.
"	Thirty-third street and Second avenue south.
"	Monroe street and Spring street northeast.
"	Monroe street and Summer street northeast.
"	Monroe between Summer and Broadway northeast.
"	Washington and Twenty-first avenue north.
"	Plymouth avenue and Aldrich avenue north.
"	Plymouth avenue and Brvant north.
"	Thirteenth avenue and Third street south.
"	Plymouth avenue and Dupont avenue north.
"	Plymouth avenue and Emerson avenue north.
"	Plymouth avenue and Twelfth avenue north.
"	Plymouth avenue and Girard avenue north.
"	Plymouth avenue and Humboldt avenue north.

TABLE No. 10.

Showing Number of Gates Repaired During the Year 1891, with Location.

Three gates on	Fifth street and Sixth avenue north.
"	East and west Broadway gates on University.
"	East and west Park avenue gate on Twenty-seventh street.
"	Park avenue and Twenty-sixth street.
"	Holden street near bridge.
"	Second street and Third avenue south.
"	Hennepin avenue and Lake street.
"	Hennepin avenue and Twenty-ninth street.
"	Hennepin avenue and Twenty-sixth street.
"	Hennepin avenue and Twenty-fourth street.
"	Twenty-fourth street and Tenth avenue south.
"	Central and Third avenues northeast.
"	Central avenue and Harrison street.
"	Washington and Sixth avenues north.
"	Fifth street and Tenth avenue north.
"	Fourth street and Cedar avenue.
"	Riverside and Twentieth avenue south.
"	Second street and Twenty-eighth avenue north.
"	Second street and Second avenue south.
"	Third street and Third avenue north.

Three gates on	Sixth street and First avenue south.
" "	Stevens avenue and Twentieth street.
" "	Stevens avenue and Fourteenth street.
" "	Fifth street and Eleventh avenue south.
" "	Irvine avenue and Thirty-sixth street (two gates.)
" "	Third street and Fifth avenue north.
" "	Lyndale and Hennepin avenues.
Gates repaired on	Seventh street and Thirteenth avenue southeast.
" "	Main street and Central avenue.
" "	Second street and Sixth avenue south.
" "	Tenth street and Third avenue south.
" "	Twelfth street and Hawthorne avenue.
" "	Lyndale and Twenty-fourth street.
" "	Lyndale and Twenty-fifth street.
" "	Lyndale and Twenty-seventh street.
" "	Division street and Fourteenth avenue southeast.

TABLE NO. 11.

Showing Mains Repaired During 1891, with Location.

Mains repaired on	Washington and Fourth avenues north.
" "	Main street bet. Seventeenth and Eighteenth avenues northeast.
" "	Lyndale and Thirty-second avenue north.
" "	Lyndale and Thirty-fifth avenue north.
" "	Central avenue and Second street.

TABLE NO. 12.

Showing Inventory of Plumbing Shop.

One set of pipe dies and stock from 2½ inches to 4 inches.	One set of pipe dies and stock from 1 inch to 2 inches.
One set of dies and stock from ¼ to 1 inch.	One set of pipe taps from ½ to 2½ inches.
One 2½ inch pipe tap reamer.	One large pipe cutter.
One medium sized pipe cutter.	One small pipe cutter.
One pipe vice.	One bench vice.
Two No. 3 chain tongs.	One large chain tongs.
One adjustable pipe tongs.	Two Stillson pipe wrenches.
Two monkey wrenches	Two cold chisels.
One spirit level.	One 1-inch left hand pipe die.
Two plumber's furnaces.	One 1¼-inch left hand pipe die.
One brass force pump.	Two wooden benches.
Two tool chests.	One quart oil can.
One 1-gal. oil can.	One 3-inch S. wrench.

TEES.

Eleven 4-inch.	Ten 3½-inch.
Eight 3-inch.	Twelve 2½-inch.
Seven 2-inch.	Eleven 1½-inch.
Six 1¼-inch.	Three 1-inch.
Ten ¾-inch.	Two ½-inch.
Three ⅝-inch.	Four ¼-inch.

ELBOWS.

Three 4-inch.	Eight 3½-inch.
Three 3-inch.	Three 2½-inch.
Three 2-inch.	Two 1½-inch.
Three 1¼-inch.	Twenty-six 1-inch Mal. iron.
Twelve 1-inch cast iron.	Eight ¾-inch.
Five ½-inch.	Ten ⅝-inch.
Five ¼-inch.	

ELBOWS, 45°.

Eight 4-inch.	Seven 3½-inch.
Four 3-inch.	Twelve 2½-inch.
Five 2-inch.	Six 1½-inch.
Eight 1-inch.	Five ¾-inch.

FLANGE UNIONS.

Three 4-inch.	Three 3½-inch.
One 3-inch.	Three 2½-inch.
Three 2-inch.	

PLUGS.

Three 4-inch.	Five 3½-inch.
Two 3-inch.	Two 2½-inch.
Six 2-inch.	Six 1½-inch.
One 1¼-inch.	Eleven 1-inch.
Eight ¾-inch.	Three ½-inch.
Two ⅝-inch.	Two ¼-inch.

PIPE CAPS.

One 4-inch.	One 2½-inch.
One 2-inch.	Five 1½-inch.
Three 1-inch.	Three ¾-inch.
Five ⅝-inch.	Five ¼-inch.

Two 4x3½.	One 4x3.
Two 4x2½.	One 3½x3.
Three 3½x2.	Two 3x1½.
Three 2½x2.	Three 2½x1½.
Three 2½x1½.	Two 2x1.
One 1½x1½.	One 1½x¾.
Two 1½x¾.	Two 1½x½.
One 1x¾.	One 1x½.
Two 1x¾.	One 1x¼.
Three ½x¼.	
Five 2x1½-inch.	One 2x1¼-inch.
One 1½x¾-inch.	Two 1¼x1-inch.
Two 1¼x¾-inch.	
Six 2-inch.	
One 1½-inch.	
One ¾-inch.	
Five ¾ L. handle.	
Four ¾ ball cocks.	
Ten 1½-inch (long.)	
Five 3½-inch (long.)	
Eighteen 2½-inch (short.)	
Nine 3½-inch (short.)	
Three 1½-inch (short.)	
Twelve ¾-inch (short.)	
One hundred and twenty-five pounds extra strong lead pipe ¾-inch.	
Eighteen pounds solder.	
Two hundred and fifty feet iron pipe ¾-inch.	
Seventy-five feet iron pipe 1-inch	

BUSHINGS.

One 4x3.
 One 3½x3.
 Two 3x1½.
 Three 2½x1½.
 Two 2x1.
 One 1½x¾.
 Two 1½x½.
 One 1x½.
 One 1x¼.

REDUCERS.

One 2x1¼-inch.
 Two 1¼x1-inch.

MAL. UNIONS.

Two 1½-inch.
 Six 1-inch.
 Seven ½-inch.

BRASS COCKS.

One ¾ C. & W. T. H.

NIPPLES.

Three 4-inch (long.)
 Eight 2½-inch (long.)
 Five 3-inch (short.)
 Six 1½-inch (short.)
 Six ¾-inch (short.)

TABLE NO. 13.

Showing Inventory of Blacksmith Shop.

Two forges.	One bit stock.
Two anvils.	Two bits.
Fifteen pair tongs.	One desk.
One vice.	One horse shoer's box.
One fourteen pound sledge.	Three sledge handles.
One twelve pound sledge.	Three hammer handles.
One four pound hammer.	One two-foot iron square.
Three two pound hammers.	Two two-inch square mandrils.
One swedge block.	One two-inch round mandril.
One tool bench.	One hundred thirty-five horse shoes.
One iron forge rack.	Ten pounds horse nails.
Two bottom swedges.	Ten pounds toe calks.
Ten top swedges.	Two clench cutters.
Two flatters.	One pair nippers.
One set hammer.	One pair pinchers.
Two hot chisels.	One shoeing hammer.
One cold chisel.	One rasp.
Sixteen round punches.	One farrier's knife.
Seven heading tools.	One fuller.
One water pall.	One set of lightning dies.
Three tap wrenches.	One monkey wrench.
Two files.	One screw driver.
Two oil cans.	One drill press.
Four twist drills.	
One bar ¾ round iron.	
One bar ½ round iron.	
Two bars ¾ round iron.	
One bar 1½ x ¾ iron.	
Nine bars ¾ round iron.	
One bar 1½ x ¼ iron.	
One bar ¾ square iron.	
Two bars ¾ square iron.	
Two bars 1½ x ¾ iron.	
Ten bars 1 in round iron.	
One bar 3½ x 1 iron.	
One bar 2 x ¾ iron.	
One bar ¾ square iron.	
One bar 1½ round iron.	
One bar ¾ round iron.	
Eight 1 in square nuts.	
Thirty-five gate wrenches.	
One 1 in steel punch and die.	
	One bar ¼ square iron.
	One bar 1½ x ¼ iron.
	One bar ¾ square iron.
	One bar 1½ band iron.
	One bar ¾ in ¼ round iron.
	One bar 3½ x ¼ iron.
	Two bars 2½ x ¾ iron.
	One bar 2 x ½ iron.
	One bar 1½ square iron.
	One bar 1½ x ½ iron.
	One bar 2 x ¾ iron.
	Thirty-two hexagon nuts.
	Three thousand pounds coal.
	Five pounds borax.

NORWAY IRON.

One bar ¾ square iron.
 Five bars 7-16 round iron.
 Six bars 5-16 round iron.
 One bar 2 x 5-16 iron.

COMMON IRON.

One bar ¼ square iron.
 One bar 1½ x ¼ iron.
 One bar ¾ square iron.
 One bar 1½ band iron.
 One bar ¾ in ¼ round iron.
 One bar 3½ x ¼ iron.
 Two bars 2½ x ¾ iron.
 One bar 2 x ½ iron.
 One bar 1½ square iron.
 One bar 1½ x ½ iron.
 One bar 2 x ¾ iron.
 Thirty-two hexagon nuts.
 Three thousand pounds coal.
 Five pounds borax.

STEEL.

Seven feet $1\frac{1}{4}$ x $\frac{3}{4}$ cast steel.
One bar 1 in octagon steel.
Two bars $1\frac{1}{2}$ square steel.

Five bars $\frac{3}{4}$ octagon steel.
Three bars $\frac{3}{4}$ square steel.
One bar $\frac{3}{4}$ round mach. steel.

TABLE NO. 14.

Office and Tool House, January 1, 1892.

One stationary desk.
One writing table.
Three oak office chairs.
One base burner coal stove.
Two cuspidors.
One water gauge.

One cooler.
One waste basket.
One map Minneapolis.
One atlas.
One water phone.

STABLE AT TOOL HOUSE.

Six harnesses.
Six set harnesses.
Six wagons.
Six horse blankets.

One hydrant thawer.
Three ton hay.
Two hundred bushels of oats.
Four set bob sleighs.

TOOLS AT TOOL HOUSE.

Three tapping machines, complete.
Three S wrenches.
Six monkey wrenches.
Six extension tongs.
Two striking hammers, eight lbs.
One brace, and bits.
One spirit level.
One carpenter bench vice.
One Edson hand pump.
Twenty picks, handled.
One planing furnace.
One iron vice.
One one inch die and stock.
One one inch pipe cutter.

Six street wrenches.
Ten small socket wrenches.
Four gate wrenches.
Two set calking tools.
Two steel sledges, eight lbs.
One one inch auger.
One iron bench vice.
Two steel squares, two feet.
Ten shovels.
Two tape lines.
One grind stone.
One two inch die and stock.
One two inch pipe cutter.
One two inch tongs.

MATERIAL AT TOOL HOUSE.

Two inch elbows.
Two inch iron pipe.
166 $\frac{3}{4}$ inch corporation cocks.
Six three-fourths inch stop cocks.
Twenty hydrant valves, (old)
Six lanterns.
One two gallon oil can.
Three plows.
One fifty gallon oil tank.
Fairbanks scales, 1200 lbs.
Two stoves.

97 $\frac{1}{2}$ inch corporation cocks.
85 $\frac{1}{2}$ inch corporation cocks.
Six one inch stop cocks.
Brass hydrant taps.
Four galvanized balling buckets.
One five gallon oil can.
Eight brass spindles, for gates.
Two batteries.
Two street fountains.
Six sprinkling stand pipe castings.
One floor truck.

BUSINESS OFFICE.

One MacNeal and Urban safe.
Two stools.
Three cuspidors.
Two stationery desks.
Three chairs.
Three paper weights.
Two writing tables.

Three waste baskets.
One letter press.
One type writer.
One directory.
Stationery.
One pair scissors.

SUPERVISOR'S OFFICE.

One linoleum.
One desk.
Eight chairs.
One standing desk.
Two stools.
Two writing tables.
One hat tree.
One directory.
One pair scissors.

One map.
Four cuspidors.
Two waste baskets.
One drop lamp (electric).
Registering.
One water gauge.
One letter press.
Stationery.

ENGINEER'S OFFICE.

Two chairs.
Two cuspidors.
One steel tape, 50 feet.
One steel straight edge, 36 inches.
One ink slab and cover.
One pair calipers, large.
One dust brush.
One atlas of Minneapolis.
Two stools.
Three tin tube floats.
One model of pump valve.
One and one-half dozen thumbtacks.

Two drawing tables.
One office desk.
One waste basket.
One radius bar for beam compasses.
One nest of color cups, 3 $\frac{1}{4}$ inch.
Two tumblers.
One cup, granite ware.
One slate.
Five wall maps.
Five framed drawings.
Stationery.

TABLE NO. 15.

Showing Material and Supplies on Hand January 1st, 1892.

PIPE.

Forty-three pieces 36-inch.
 Ten pieces 30-inch.
 Twenty-two pieces 24-inch.
 One hundred sixty-seven 16-in. (old).
 Eighty-two pieces 12-inch.

Thirty-six pieces 10-inch.
 Sixty pieces 8-inch.
 Forty-seven pieces 6-inch (old).
 One hundred fifteen pieces 6-inch (new).

CROSSES. (Specials).

One 36x36x24x24.
 One 36x36x16x8.
 One 36x36x6x6.
 One 24x24x24x24.
 One 24x24x10x10.
 Seven 24x24x8x8.
 Two 16x16x16x16.
 One 16x16x12x12.
 Seven 16x16x8x8.
 Nine 16x16x6x6.

Ten 12x12x12x12.
 Nine 12x12x8x8.
 Eleven 12x12x6x6.
 One 10x10x4x4.
 Twenty 8x8x6x6.
 Twelve 8x8x4x4.
 Twenty-four 6x6x6x6.
 Twelve 6x6x4x4.
 Nineteen 8x8x8x8.

TEES.

One 36x36x6.
 Two 24x24x3.
 Two 24x24x4.
 Two 16x16x16.
 Eight 16x16x12.
 Five 16x16x10.
 Nine 16x16x8.
 Nineteen 16x16x6.
 Seven 16x16x4.
 One 12x12x12.
 Sixteen 12x12x6.

Eleven 12x12x4.
 One 10x10x10.
 One 10x10x6.
 Thirteen 10x10x4.
 Eleven 8x8x8.
 Twenty-seven 8x8x6.
 Twenty-two 8x8x4.
 Eight 6x6x8.
 Thirty-two 6x6x6.
 Thirty 6x6x4.
 Two 4x4x4.

REDUCERS.

Two 36 to 24.
 Three 24 to 16.
 Two 24 to 12.
 Two 16 to 12.
 Eight 16 to 8.
 One 16 to 6.
 Seven 12 to 10.

Two 12 to 8.
 Fourteen 12 to 6.
 Seven 10 to 8.
 Seven 10 to 6.
 Twenty-nine 8 to 6.
 One 8 to 4.
 Seven 6 to 4.

BENDS.

One 36-inch easy.
 Two 30-inch $\frac{1}{2}$.
 One 24-inch easy.
 Thirteen 16-inch $\frac{1}{2}$.
 Five 16-inch $\frac{1}{4}$.
 Three 16-inch easy.
 Nine 12-inch $\frac{1}{2}$.
 One 4-inch $\frac{1}{4}$.

One 12-inch easy.
 Forty-one 10-inch easy.
 Five 10-inch $\frac{1}{2}$.
 Twenty-nine 8-inch $\frac{1}{2}$.
 Three 8-inch easy.
 Eleven 6-inch $\frac{1}{2}$.
 Ten 4-inch $\frac{1}{2}$.

SPIGOTS.

One 36-inch.
 Three 24-inch.

One 8-inch.
 Two diagonal crosses 12x12x8x8.

PLUGS.

Eight 24-inch.
 Twenty-two 16-inch.
 Fifteen 12-inch.
 Nineteen 10-inch.

Twenty-four 8-inch.
 Twenty-nine 6-inch.
 Twenty-seven 4-inch.

Thirty-two drills (long).
 Eighteen drills (short).
 Twenty-five crowbars.
 Thirteen hand saws.
 Eleven hand axes.
 Two dozen lanterns.
 One-half barrel red globes.
 Twelve pair rubber boots.
 Six five gallon oil cans.
 Seven one gallon oil cans.
 Five pails.
 Fifty feet $\frac{3}{4}$ inch hose.
 Twenty-three hydrant castings.
 Twelve iron gate covers.
 Five hand pumps.
 *Eight hydrants.

Eight slush scrapers.
 Seven lead stoves.
 Ten lead pots (large).
 Ten lead pots (small).
 Three bales calking rope.
 Six hundred pounds lead pipe.
 Five bars lead.
 Seven sets calking tools.
 Two hundred seventy-two picks.
 One hundred forty shovels.
 Thirteen brace mauls.
 Eleven sledges.
 Eighty-three pick handles.
 Seven wood mauls.
 Eleven sheathing caps.
 *Thirty-one gate cones.

Two 24-inch.
Six 16-inch.
Eight 12-inch.
Two 12-inch.

GATES.

Five 8-inch.
Three 6-inch.
Three 4-inch.
Five 4-inch flange gates.

SLEEVES.

One 36-inch.
One 36-inch (split).
Two 30-inch.
Three 24-inch.
Three 24-inch (split).
Nine 16-inch.
Four large derricks.
Six wheel derricks.
Seven three-joint derricks.
Four 1½ inch falls 85 feet.

Fourteen 12-inch.
Five 10-inch.
Ten 8-inch.
Eighteen 6-inch.
Seven 4-inch.

Four set blocks (large).
Seven set blocks (small).
One set chain blocks.
Six 1 inch falls 85 feet.

DEMENSION AND SHEATHING.

Five thousand feet 4x12-18.
Eight thousand feet 3x12-18.
Three thousand feet 2x12-16

Eighteen thousand feet sheathing 8.
Six hundred feet 4x4-16.

TABLE No. 16.

Showing in Detail Inventory and Supplies of Pumping Station No. 1.

OFFICE.

One book case.
One water cooler.
Nine record books.
One stool.
One gas lamp and hose.

Two chairs.
One cuspidore.
One ink well.

TOOLS AND SUPPLIES.

One pair shears.
One work bench.
One lead pot.
One quart cup.
Three five-gallon cans.
Five ten-gallon cans.
Five copper oil cans.
One four-gallon oil tank.
One hand saw.
Five bark rakes.
Two stoves and pipe.
One grindstone.
One pair pipe tongs.
Five cold chisels.
One stove poker.
One pipe wrench.
Four valve wrenches.
Twelve assorted wrenches.
One ¾ nozzle.
Two branding irons.
Two axes.
Three caulking irons.
One pair tongs.
Two rachets.
Seven drills.
Seven pressure gauges.
One pan for tallow.
Three pair rubber boots (old).
One set twelve-inch blocks.
One set ten-inch blocks.
One set eight-inch blocks.
One hundred feet 1¼-inch rope.
Twenty-five feet ¾-inch rope.
Two sixteen-foot ladders.
One copper bar.
Two fifty-gallon oil cans.
One coal scuttle.
Seventy-five feet ¾-inch hose.
One paint brush.
Eight kegs drift.
Two pick poles.
Three shovels.
Two scoop shovels.
One ice chisel.
Four ice rakes.
Seventeen old oil cups.

Thirty gallons engine oil.
Five valves for condenser.
One sledge.
One jack-screw.
One iron wedge.
One registering guage and clock.
One iron vice.
One surface plate.
One gasoline torch.
One alligator wrench.
Two gate wrenches.
Three screw wrenches.
Four revolution counters.
Fifty feet ½-inch M rope.
One copper hammer.
Eleven wire screen iron frames.
One grab for holsting screens.
One extra crank for same.
Two hundred and sixteen ft. 5-16 chain.
One 3-16 inch rod
Two tacking books.
One cant hook.
Two chains.
Eleven socket wrenches.
Six glass tubes.
Six oil cups.
Fifteen pounds Star candles.
Ten pounds rubber packing.
Twenty pounds hemp packing.
Forty new rubber valves.
Fifteen pounds tallow.
Three stone drills (steel).
One screw driver.
Three steel bars.
One steam whistle.
Five pounds cotton waste.
One box brass polish.
Forty pounds 60 spikes.
One spool piston packing.
Twenty-five pounds babbit.
Three pounds sheet copper.
One two-foot square.
One thermometer.
Ten pounds patent grease.
One fire gong.
Four brooms.

GATES.

Two 24-inch.
Six 16-inch.
Eight 12-inch.
Two 12-inch.

Five 8-inch.
Three 6-inch.
Three 4-inch.
Five 4-inch flange gates.

SLEEVES.

One 36-inch.
One 36-inch (split).
Two 30-inch.
Three 24-inch.
Three 24-inch (split).
Nine 16-inch.
Four large derricks.
Six wheel derricks.
Seven three-joint derricks.
Four $1\frac{1}{4}$ inch falls 85 feet.

Fourteen 12-inch.
Five 10-inch.
Ten 8-inch.
Eighteen 6-inch.
Seven 4-inch.

Four set blocks (large).
Seven set blocks (small).
One set chain blocks.
Six 1 inch falls 85 feet.

DEMENSION AND SHEATHING.

Five thousand feet 4x12-18.
Eight thousand feet 3x12-18.
Three thousand feet 2x12-16

Eighteen thousand feet sheathing 8.
Six hundred feet 4x4-16.

TABLE NO. 16.

Showing in Detail Inventory and Supplies of Pumping Station No. 1.

OFFICE.

One book case.
One water cooler.
Nine record books.
One stool.
One gas lamp and hose.

Two chairs.
One cuspidore.
One ink well.

TOOLS AND SUPPLIES.

One pair shears.
One work bench.
One lead pot.
One quart cup.
Three five-gallon cans.
Five ten-gallon cans.
Five copper oil cans.
One four-gallon oil tank.
One hand saw.
Five bark rakes.
Two stoves and pipe.
One grindstone.
One pair pipe tongs.
Five cold chisels.
One stove poker.
One pipe wrench.
Four valve wrenches.
Twelve assorted wrenches.
One $\frac{3}{8}$ nozzle.
Two branding irons.
Two axles.
Three caulking irons.
One pair tongs.
Two rachets.
Seven drills.
Seven pressure gauges.
One pan for tallow.
Three pair rubber boots (old).
One set twelve-inch blocks.
One set ten-inch blocks.
One set eight-inch blocks.
One hundred feet $1\frac{1}{4}$ -inch rope.
Twenty-five feet $\frac{3}{8}$ -inch rope.
Two sixteen-foot ladders.
One copper bar.
Two fifty-gallon oil cans.
One coal scuttle.
Seventy-five feet $\frac{3}{4}$ -inch hose.
One paint brush.
Eight kegs drift.
Two pick poles.
Three shovels.
Two scoop shovels.
One ice chisel.
Four ice rakes.
Seventeen old oil cups.

Thirty gallons engine oil.
Five valves for condenser.
One sledge.
One jack-screw.
One iron wedge.
One registering gauge and clock.
One iron vice.
One surface plate.
One gasoline torch.
One alligator wrench.
Two gate wrenches.
Three screw wrenches.
Four revolution counters.
Fifty feet $\frac{1}{4}$ -inch M rope.
One copper hammer.
Eleven wire screen iron frames.
One grab for hoisting screens.
One extra crank for same.
Two hundred and sixteen ft. 5-16 chain.
One 3-16 inch rod.
Two tacking hooks.
One cant hook.
Two chains.
Eleven socket wrenches.
Six glass tubes.
Six oil cups.
Fifteen pounds Star candles.
Ten pounds rubber packing.
Twenty pounds hemp packing.
Forty new rubber valves.
Fifteen pounds tallow.
Three stone drills (steel).
One screw driver.
Three steel bars.
One steam whistle.
Five pounds cotton waste.
One box brass polish.
Forty pounds ω spikes.
One spool piston packing.
Twenty-five pounds babbit.
Three pounds sheet copper.
One two-foot square.
One thermometer.
Ten pounds patent grease.
One fire gong.
Four brooms.

Two indicator lamps.
Seventy-five 16-candle power lamps.
Five 50-candle power lamps.
Five step ladders.
Two soap cups.
One work bench.
One brush broom.

One Korting injector.
One lock dumper regulator.
One electric battery.
One electric light extension.
One hydrostatic gauge.
One 35-foot extension ladder.

OFFICE.

Two desks.
One table.
Seven chairs.
One rubber ruler.
One waste basket.
One ink stand.
Two record safes.

One bottle mucilage.
Two pen holders.
One bottle ink.
One Tobor indicator.
Record books.
Stationery.

BOILER ROOM.

Six marine boilers.
Ten scoop shovels.
Three slash bars.
Two ash hoes.
Two ash shovels.
One flue rod.
Two coal picks.
Two Hoppes feed water purifiers.
One water pail.
One dipper.

Two wheelbarrows.
Three coal cars.
One Fairbanks scale.
One slate and pencil.
One reflecting lamp.
One hundred ft. 1½-inch hose and reel.
Two clincher hooks.
One 2-inch water meter.
One fuel oil heater.
One brush broom.

SUPPLIES IN OIL ROOM.

One 300-gallon oil tank (iron).
Three 50-gallon oil tanks.
Two large tin pails.
Six lanterns.
One small scale.
Two rubber mops.
Six brooms.
Four flue scrapers.
One long handled shovel.
One bucket metal polish.
Four boxes metal polish.
Three pair babbitt boxes.
Two bars solder.
One-half gallon linseed oil and can.
Three hundred gallons valvoline oil.

Five pounds boiler gaskets.
Box rubber valves.
Thirty-five pounds of asbestos packing.
Eight pounds of hemp packing.
Twenty pounds Garlock's packing.
Eighty pounds Duval's packing.
Fifteen pounds candles.
Ten pounds oil soap.
Twelve pounds sheet iron rubber packing.
Nine pounds sheet Jenkins packing.
Seven sheets emery cloth.
Three pounds plumbago.
One hundred and twenty-five lbs. waste.
One 1-quart copper oiler.

TOOLS.

One 3-ton chain block.....
One 1-ton chain block.
Two pipe cutters.
Seven pipe taps.
One large pipe stock and dies.
One small pipe stock and dies.
Two small steel bars.
Two steel clamps.
One hand saw.
One cross-cut saw.
One ax.
One hand ax.
One 2-foot square.
One No. 7 screw plate and dies.
Thirty hand taps.
One portable forge.
One anvil.
One sledge.
Four forge tongs.
Five chisels.
Two punches.
Two sets.
Eight cold chisels.
Three scrapers.
Two ratchets.
Sixteen drills.
One pair dividers.
Four callipers.
One scythe.
Five packing hooks.
Sixteen files, assorted (old).
One rake.
Three chains.
Twelve starting screws.
Three Stillson wrenches.
Five monkey wrenches.

One gate wrench.
One hydrant wrench.
Six pin wrenches.
Seven box wrenches.
One ratchet wrench.
Seven spanned wrenches.
Ten socket wrenches, large.
Five socket wrenches, small.
Eight open end wrenches, large.
Fourteen open end wrenches, small.
Two copper hammers.
Three hand hammers.
One claw hammer.
One bit stock.
One set bits.
One extension bit.
One screw driver.
One pipe vice.
One bench vice.
One grind stone.
One pair shears.
One drawing knife.
One brest drill.
One saw set.
Two file handles, off set.
Three file handles, common.
Six eye bolts.
One traveling crane and attachments.
Two jackscrews.
One ratchet brace.
Four paint brushes.
One cylinder clamp.
Valve facing machine.
One babbitt ladle.
One long auger.
One crow bar.

GATE HOUSE.

Twenty-one wire screens.
Two hand wheels for gates.
One set iron blocks.
Two ice chisels.

One pike-pole.
One hundred feet rope.
One ice rake.
One wrench.

STORE ROOM.

One bundle $\frac{3}{4}$ -inch round iron.
One bundle $\frac{3}{4}$ -inch round iron.
Five bars $\frac{3}{4}$ -inch round iron.
Seventy-two grate bars (new.)
Seventy-five feet asbestos covering.
 $\frac{1}{2}$ -barrel of asphaltum.
Nine hundred feet common lumber.

Five hundred fire brick.
One pair 12-inch wooden blocks.
One pair 9-inch wooden blocks.
Six pair spring hinges.
Four plungers and heaves for feed pumps.
Two fuel oil tanks.

TABLE No. 19.

Showing in Detail Expense of Lowering Pipe on Following Streets:

Third street and Fourth avenue north.....	\$1,196.29
Hennepin avenue, Twenty-second street to Groveland avenue.....	974.77
Relay pipe Fifteenth avenue and Eighth street southeast	567.54
Thirty-eighth street, Eighth to Tenth avenue.	318.92
Emerson avenue, Plymouth to Fourteenth avenue.	179.77
Aldrich avenue, Sixth to Eighth avenue north.....	84.86
Nineteenth street, Lyndale to Ridgewood avenue.....	111.63
Fourth avenue and Fifth street north	77.00
Total.....	\$3,510.78

ANNUAL REPORT
CHIEF ENGINEER
OF THE FIRE DEPARTMENT.
1891.

FIRE DEPARTMENT.

AUGUST H. RUNGE	-	-	-	Chief Engineer.
PETER J. KENNEY	-	-	-	First Ass't Engineer.
JAMES R. CANTERBURY	-	-	-	Second Ass't Engineer.
Z. T. MORRISON	-	-	-	Sup't Fire Alarm Telegraph.
ED. W. LAMBERT	-	-	-	Ass't Sup't Fire Alarm Telegraph.
HOSEA S. TUTTLE	-	-	-	Master Mechanic.
JOHN W. HORTON	-	-	-	Veterinary Surgeon.
F. M. SNYDER	-	-	-	Department Secretary.
L. S. HEAD	-	-	-	Assistant Secretary.

FIRE DEPARTMENT COMMITTEE OF CITY COUNCIL.

WILLIAM B. WOODWARD, Chairman.	
GEORGE W. FLANDERS.	D. D. FARNSWORTH.
JOHN T. MCGOWAN.	FRED. A. SCHWARTZ.

ANNUAL REPORT
OF THE
CHIEF ENGINEER OF THE FIRE DEPARTMENT.

OFFICE OF CHIEF ENGINEER, FIRE DEPARTMENT,
MINNEAPOLIS, MINN., January 1, 1892. }

To the Honorable City Council of the City of Minneapolis.

GENTLEMEN:—I have the honor to submit the annual report of this department for the year ending December 31st, 1891.

The fire loss is estimated at \$1,156,069; insurance \$3,560,696. The month showing the largest loss was November; the month showing the smallest loss was December. Following is a list of the largest fires of the year, they being over \$10,000 each:

January 27, 7:28 A. M., box 15, J. C. Harper & Co., 519-521 Washington Ave. S., dry goods store. Loss \$11,516.82 Insurance \$44,500.

February 26, 12:23 A. M., box 8, 2 to 20 Fifth St. South; Clare-Speaker paint factory and Lumber Exchange. Loss \$192,777.90. Insurance \$200,000.00.

March 11, 10:24 P. M., box 12, 200 Hennepin Ave., R. Reese, clothing store. Loss \$21,239.31. Insurance \$22,500.

April 8, 12:40 P. M., box 156 Central Ave. and Eighth St., Minneapolis Grain & Feed Co. Loss \$14,872. Insurance \$14,000.

May 21, 2:57 A. M., box 437, J. W. Day & Son's lumber yard, foot of 24th, 25th and 26th Aves. N. Loss \$207,134.31. Insurance \$126,500.

May 31, 6:37 A. M., box 145, Nelson Paper Co.'s mill, foot of 4th Ave. N. E. Loss \$19,751.79. Insurance \$21,450.00.

June 22, 1:50 A. M., Minneapolis Street Railway's pavilion, 42d St and Queen Ave. Loss \$13,200. Insurance \$11,500.

July 17, 8:15 P. M., box 15, First St. and Fifth Ave. S. Crown Roller Mill. Loss \$23,726.28. Insurance \$265,000.00.

August 22, 12:25 P. M., Brightside, Cedar Lake, G. F. Warner's residence. Loss \$10,400. Insurance \$14,000.

September 24, 2:25 P. M., box 16. This fire was the quickest in its work of any in the year. It originated on the third floor of the 5-story brick building owned by D. S. Gillette and occupied by the Moore Carving Machine Co.; fire was caused by electric wires. At 2:27 P. M. the second alarm was sent out by Capt. Hanley and when I arrived the flames had control of the building and I sent out the third alarm at 2:28, followed by the general alarm at 2:36. At 2:40 the Gillette building collapsed. Elevator C, together with numerous frame buildings and wood yard was all

on fire by this time and help was summoned from St. Paul. In two hours the fire was under control. The department stretched 20,600 feet of hose at this fire. I cannot pass this item without a word of praise to the department for the stand they took on this windy day, determined as they were to conquer the flames; the flying embers seemed to be the master but the unflinching tenacity of the force and the alertness in obeying orders soon gave us the master hand. Loss, estimated, \$100,000. Insurance \$90,000.

October 21, 12:35 A. M., box 438, Bardwell, Robinson & Co.'s warehouse, sash, doors and blinds, 24th Ave. N. and First St. Loss \$72,305. Insurance \$98,851.

November 17, 4:56 A. M., box 45, Cooper building, 100-106 Third Ave. N., agriculture and glass. Loss \$129,8118.4. Insurance \$101,845.77.

Nov. 23, 9:49 P. M., box 9, North Star Boot & Shoe Co., 16, 18, 20 Third St. N., 5-story brick. Fire originated on the third floor; while several persons attempted to quench the flames, nobody thought of the fire alarm station within 150 feet of the building, and the result was that when the first company arrived at the fire, Capt. Hernlund immediately sent out a second alarm, followed by a third at 9:54 and the general alarm at 10:20. The department again acquitted themselves creditably in subduing the elements. If there is any person in command of a body of men and who would not praise them after a successful victory, that person should be swept off of the face of the earth. The whole of Hennepin avenue from Third street to Washington avenue was in danger, but the manly stand of the force, in spite of the falling walls and tremendous heat, soon gained the master hand, and the testimonials we have received speak more than volumes. A victorious body of men never "took up" their instruments of war in a happier frame of mind than did the Minneapolis Fire Department early in the morning of November 24th, 1891. Estimated loss, \$250,833.30. Insurance, \$409,500.00

The total losses are greater than any year since 1887. Not only is this the case in Minneapolis, but all over the United States. In all cases, except the fire on February 26 and September 24, the fires have been confined to the buildings where they originated. The new Hale water tower has proven itself to be a machine which the city should have purchased long ago; and, in order to keep pace with the city, I would recommend the purchase of another water tower as soon as there is room to keep it. In the beginning of the year 1890 the officers of the different companies were all furnished with inside keys to all fire alarm stations, with instructions that as soon as they arrive on the scene of action to send out calls for second and third alarms as, in their judgment, the case will warrant. This order has been the means of calling extra apparatus to the fire quicker by from two to five minutes than heretofore.

MANUAL FORCE.

There has been an increase of fifteen in the manual force the past year. The force now consists of 241 officers and men.

APPARATUS.

The apparatus of the department consists of the following: Five first-class engines, 9 second class engines, 8 chemical engines, 17 hose carriages, 5 trucks, 1 supply wagon, 1 water tower, 4 fuel wagons, 2 fire alarm wagons, 4 chief's buggies and sleighs, 1 veterinary surgeon's buggy, cart and pung,

18 exercising wagons, 18 set of bob sleds. All the above are in good condition with few exceptions. There is also three (3) steamers and two (2) hose carriages in reserve.

REPAIR SHOP.

This is indeed an important branch in our department: every item of repairs, so far as it relates to the rolling stock, which is in need of repairs, has been done in the repair shop. As the city grows and the department increases, this shop will increase in its work. Our capacity is limited and it will only be a short time before additional room will be needed. The following is a summary of the work done during the year past:

Light Repairs.

	Jobs.	Hours.	Cost of material.
Stations	125	154	\$180.70
Steamers	228	4,068	1,492.21
Hose carts	95	904	307.27
Trucks	100	998	176.05
Chemicals	25	164	17.13
Officers' buggies	35	222	21.24
Fire alarm telegraph	39	491	94.69
Hospital	22	246	16.05
New articles	438	1,973	406.74
Swinging harness, harness spiders	51	1,111	25.02
Pattens		1,390	34.76
Miscellaneous	38	726	133.05
Hose repaired	574	195	135.25
Totals	1,770	12,656	\$3,040.16

General Overhauling.

	No.	Hours.	Cost of material.
Steamer	6	2,983	\$309.95
Chemicals	2	1,269	26.91
Buggies and cutters	6	934	60.41
Totals	14	5,186	\$397.27

There were built new during the year the following:

	Cost to city.	If made outside would cost—
One supply wagon	\$397.27	\$955.32
One F. A. T. wagon	38.88	105.48
Two shoeing wagons	98.93	355.73
One pole wagon	28.66	129.76
Veterinary surgeon buggy and cart	77.49	289.29
One truck	204.80	1,251.90
Gymnasium apparatus	78.97	283.37
Totals	\$922.00	\$3,370.85

HARNESS SHOP.

There were 655 odd jobs done in this branch of the shop besides making eight double and two single sets of harness, at a cost to the city of \$420.47; if done outside of the department would cost \$1,214.00

PAINT SHOP.

There were 14 pieces of apparatus newly painted, 7 touched and varnished, 3 partly painted and 52 miscellaneous jobs, at a cost of \$368.17; outside cost would have been \$1,874.17.

The total cost of the repair shop has been as follows:

Machine shop stock	\$5,967.53
Harness shop stock.....	455.60
Paint shop stock.....	474.35
Running expenses, fuel, oil, light, etc.....	510.12
Total.....	\$7,407.60

Total valuation of all the work in past year if done outside of the department would cost the city \$17,489.84.

M. F. D. GYMNASIUM.

My report would not be complete did I not allude to the gymnasium connected with this department. Limited though it has been its beneficial results cannot be too highly extolled. Commenced May 25, 1891, and ended Nov. 6th, 1891. Whole number of drills, 98. Whole number of attendance, 2498, averaging a trifle over twenty-five men to each drill. This is in addition to two grand parades, the first of which was on the occasion of the opening of the Industrial Exposition, the force consisting at that time of one grand commander, one captain, seven lieutenants, seven platoons of sixteen men each, making in all 121 men. The second parade was that of the Harvest Festival, with one grand commander, one captain, nine lieutenants, nine platoons of twelve men each, making in all 118 men.

There was 120 days to drill, twenty-two days of which there was no drill for various causes, which are as follows: May 29, pay day; July 16, laying corner stone of court house; Aug. 26, parade opening of Exposition; Sept. 22, decorating for Harvest Festival; Sept. 23, Harvest Festival parade; from Sept. 24 to Oct. 12 no drill on account of Elevator C fire, and on two other occasions on account of fires at night, making in all twenty-two days. Out of a report of 86 men, 75 were favorable, 9 favorable in part and 2 unfavorable.

There is in care of No. 4 Engine House belonging to the Gymnasium—

Two parallel bars, valued at \$23.00 each	\$46.00
One portable horizontal bar.....	25.00
One vaulting horse (\$30.00), one vaulting buck (\$15.00).....	45.00
Four jumping boards (\$3.00), three mattresses (\$15.00).....	18.00
One climbing rope (\$1.50), one iron wand (\$0.25).....	1.75
One half-dozen hand-rings, ropes, straps and fasteners.....	12.00
Two ladders, two poles and fasteners	20.00
Thirty pair Indian clubs at 50c.....	15.00
Three pair Indian clubs at \$1.00.....	3.00
One pair vaulting stands.....	2.50
One pair jumping stands.....	2.00
One pair extra long straps.....	1.75

Total

\$192.00

All of the above mentioned apparatus was manufactured by members of the department at its repair shop.

Within the past ten years a great change has taken place in the accepted ideas of scholastic training. In times past the only aim of a schoolmaster was to develop the brain—with the body he had nothing to do; as a consequence the graduate was usually a pale and sickly youth. This is a thing of the past; the graduate of today stands erect, has a good chest development as well as firm muscles, and has all the appearances of being in the best of health and at the same time just as good a scholar

as his sickly predecessor. In no school or body of men do I see more need of physical training than in a fire department. The end of physical education is not the manufacture of more muscle; it is the development of a body, strong to support, prompt to obey, and efficient to educate the thought and purpose of the man. There is danger of over exertions which must be guarded against. I therefore recommend that the drill be the same as the one already adopted, with the military drill, the double quick calisthenics, ladders (different kinds), catches for wrestling, with a few other light variations, which, in my opinion, are preferable until further advanced—when the heavier apparatus will be very good. Marching is the best exercise for the legs, calisthenics will ensure healthy chests and develop the arms, moving at the double quick time improves the breathing power of the lungs; it also improves the memory and cures absent-mindedness; it requires one to be always on the alert, listening to each word of command and to act promptly. These are all good qualities to have at fires. In fact the gymnasium ought to be a training school for all practical purposes appertaining to fire duties, and everything, from putting on gaskets and making couplings to raising extension ladders and rescuing insensible persons, should come in their turn at the drill. For this purpose an old cart, old hose and ladders could be had at a very little expense and in case of an accident would not interfere with a company. This could all be accomplished with much benefit to the department and individuals, besides a pleasant change; all that is needed is the men to take an interest in their duties. The most complaint that has been made against the drills was that they did not come often enough to keep the soreness out.

This branch of the department will be continued the coming year, the members exercising as often as fires and weather will permit.

The success of the "gym" during the past year is due to a very large extent to the faithful work of A. G. Schlener, the instructor, who has had an extended experience in this class of work, and knows how to get the best results from the men under his supervision. With a larger room for the apparatus and sufficient time at the disposal of the members, it would be difficult to overestimate the benefits resulting from the same.

THEATER DETAILS.

Pursuant to an order from your honorable body of March, 1891, a detail of picked men from the department are on duty at every performance in the Grand, Bijou, Lyceum, and Pence Opera houses. A few incipient fires have been quietly extinguished by them. The buildings are inspected from basement to roof before the performances commence, and the detail remains long enough after the close of the performance to assure himself that everything is safe. Daily reports are made to this office of the condition of the house, and everything appertaining to the safety of the public is looked after by the details.

FALSE ALARMS.

John Goldrich was convicted in July, 1891, and sentenced to the workhouse for sending in a false alarm for the purpose of robbing the force while away from their quarters. The workhouse is altogether too mild a punishment for such brutes; imprisonment at hard labor for life would be a more fitting sentence.

HORSES.

Since last report there has been purchased twenty-three horses at a cost of \$4,700; nine (9) sold for \$560.50, one killed and one turned over to the workhouse; we have now in service 138 horses. The total cost of forage has been \$11,830.29, an average cost of \$82.73 per horse for the year; \$1.59 per week and 22½ cent per day. The average cost of hay was a trifle over \$10 per ton, the average cost of oats per bushel was 45½ cents.

The report of the veterinary surgeon gives statistics as to the diseases which have afflicted the horses in the department during the past year. The average number of horses in the infirmary was 14; the cost of medicine, liniments, etc., was \$143.62.

HOSE.

We have 35,650 feet of 2½ inch hose. Of this amount there is 20,850 feet of first class rubber hose, 2,000 feet of first class cotton hose, 12,450 feet of second class rubber hose, 350 feet of second class cotton hose; also 400 feet of 3½ inch hose and 130 feet of 3¼ inch hose, 4,100 feet of 1 inch chemical hose. There has been burnt and condemned since last report 4,850 feet of hose. We have purchased 8,000 feet of rubber hose, 2,000 feet of cotton hose and 1,000 feet of chemical hose, at a cost of \$9,047.36. It will be necessary to purchase an equal amount of hose during the year 1892.

FIRE ALARM TELEGRAPH.

This branch of the service has worked satisfactorily during the year. We have purchased six (6) alarm boxes at a cost of \$750. The cost of battery supplies and material for repairs and extensions has been..... The following is a summary of the labor performed upon fire and police lines.

New poles set.....	250
Old poles reset.....	100
New lines, miles.....	30
Old wire taken down, miles.....	10
New signal stations.....	6
Signal stations changed.....	15

We have now 164 miles of wires and poles, 40 miles of underground wire, one 10-circuit repeater, 618 cells battery, 199 fire alarm boxes, 24 large and 10 small gongs (one 4-circuit repeater, and one bell striker not in service) The telephone system has undergone a complete change, the department taking charge of it, and under the care of Supt. Z. T. Morrison. For further information I would respectfully refer you to the Professor's report.

WATER SUPPLY.

The water supply for fire purposes was improved during the year by the addition of one hundred and eight-two (182) hydrants and fifteen and one-half (15 1-2) miles of water mains.

The new 36 inch main laid on Second street from Twentieth avenue north to Fifth avenue south with hydrants on each corner and in the centre of each block, has proven a blessing to this department and the public in general. We have now better water supply in the district from Third avenue north to Fifth avenue south and from Third street to the river, than ever before, and this district will be greatly improved during the coming year by the removal of all single hydrants and double hydrants substituted; in fact, double hydrants will take the place of single hydrants on all 36, 24 and 16 inch mains; this will allow the department

to place two engines at hydrants where heretofore only one engine could be used; it will also afford the department the means of bringing its forces closer to the scene of action, thereby causing less friction and more effective water at the nozzles.

There has been laid during the year 84,169 feet of water mains as follows:

6 inch.....	52,812.7
8 inch.....	10,854.7
12 inch.....	7,228.8
16 inch.....	3,283.9
30 inch.....	9,588.9
Total feet.....	84,169.0

This makes about 184 miles of water mains. The total number of hydrants now in use is 2,160.

I would recommend that cisterns of a capacity of about 700 barrels each be constructed in the business portion of the city so as to allow the concentrating of the force at given points, and, in the event of failure of water supply, they could be used to a great advantage. In fact, the wear and tear of our engines would be reduced considerably. As it is now, there is hardly a fire where engines are required to work for any length of time but what we find considerable gravel in our pumps. In the past year every one of our engines was more or less crippled by foreign substances in the mains.

FIRE STATIONS.

The usual incidental work of repairs to buildings has been carried on throughout the department as far as the appropriation would admit. The coming year extensive repairs will be required at headquarters, engine houses 4, 8, 9 and 10. The cost of repairs to buildings the past year has been \$1,692.63.

CASUALTIES.

The following is a list of casualties at fires, to others than members of this department.

February 20th, 1891, Miss Clara Morris was found burnt to death on the fourth floor of 115 Washington avenue south.

April 8th, 1891, Henry Tudar was suffocated on the third floor of the Liverpool house.

May 11th, 1891, one lady and one gentleman were burnt by boiling oil at 32 Holden street.

May 23d, 1891, Etta and John Lawler, aged six and one year respectively, were burnt to death at 1234 First avenue north.

August 19th, 1891, station 313 was pulled for the caving in of a sewer at 213 west Fourteenth street; the department found Salmon Bridgman killed, and rescued John Kenney and Mike Fleming.

September 7th, 1891, Mrs. R. R. Webb was burnt on face and hands from a gasoline stove at 2441 Garfield avenue.

September 17th, 1891, John O'Brien was badly burnt about face and hands from gasoline at 2619 Stevens avenue.

October 15th, 1891, Miss Annie Watson, a domestic employed at 21 Bridge square, was badly burnt by gasoline; she died the following day.

October 19th, 1891, Mrs. Thomas Oline of 1524 Franklin avenue, while lighting the fire in kitchen stove, had her clothes caught on fire and so seriously burnt her that she died on the following day.

December 31, 1891, at I. O. G. T. hall, 221 Cedar avenue, there was a gas explosion, and the following persons were more or less burned: J. P. Swenson, Chas. Johnson, A. A. Teurrelius, T. E. Olson and Albert Tunsted.

PERSONS RESCUED.

Persons in peril have been rescued by members of this department as follows:

January 14th, 1891, one woman and five children were taken from the third floor of 34 Washington avenue south by the members of truck No. 1.

February 20th, 1891, three men were taken from the third floor of 115 Washington avenue south by the members of truck No. 1.

April 8th, 1891, Otis E. Moore was rescued by members of Truck 1 from fire at Liverpool house.

FIRES AND ALARMS.

During the twelve months just past the department has answered 727 alarms, classified as follows: Four hundred and one by fire alarm telegraph, 169 stills, 43 by telephone, 39 by American District telegraph, 11 by personal service, 11 second alarms, 3 third alarms, 6 second and third alarm combined, 4 general alarms and 21 special calls.

Number of miles run by apparatus to fires has been 4,924, making a total distance traveled both ways 9,848 miles, an average of 218.8 miles to each apparatus.

Engine companies stretched 511,925 feet of hose, or about 97 miles. Engine Company No. 1 stretched the greatest number of feet, 46,150; Engine Company No. 17 the least, 9,350 feet.

Truck companies have raised 13,463 feet of ladders and discharged 379 charges of small chemicals. The chemical engines have discharged 338 charges from their tanks, making a total of 23,588 gallons of carbonic acid gas used during the year.

Companies have averaged 151 hours and 30 minutes each on duty at fires. Grand total of 6,824 hours; 56 tarpaulins have been spread.

The following table shows the distance traveled to and from fires by officers of the department:

Chief Engineer	5,615 blocks, or 431 miles, 12 blocks.
First Assistant Engineer	6,062 " 466 " 4 "
Second Assistant Engineer	7,964 " 612 " 8 "
Total	19,641 blocks, or 1,510 miles, 11 blocks.
Total distance traveled both ways 3,021 miles and 9 blocks.	

EXPENDITURES.

The total expenditures in this department amount to \$274,130.90 for the past twelve months:

Salaries	\$208,161.54	
Fuel and lights	7,850.32	
Expenses of horses	13,393.98	
Repairs to apparatus and buildings	5,377.82	
Fire alarm telegraph	2,996.68	
Storeroom supplies	804.96	
Property purchased	31,905.12	
General department running expenses	3,631.48	
Total	\$274,130.90	\$274,130.90
<i>Credit.</i>		
Nine horses sold, money turned over to general fund	\$ 560.50	
Harness, etc.	74.62	
Total	\$ 635.12	\$ 635.12
Actual expenditures		\$273,495.78

The value of fire department property is estimated at about \$575,000. For a complete and detailed statement of expenditures, I would respectfully refer you to exhibits accompanying this report, which, I trust, will prove satisfactory to your honorable body.

Exhibit A shows the organization, number, location and roster of each company, and the class, manufacture and time of service of each apparatus.

Exhibit B, statement of expenditures, etc.

Exhibit C, workings of the department.

Exhibit D, causes of fires, buildings, how occupied, etc.

Exhibit E is the report of the superintendent of fire alarm and police telegraph.

Exhibit F is the report of the veterinary surgeon and superintendent of horses, with tabular statement.

RECOMMENDATIONS.

I would respectfully recommend the building of a central station on Fourth street north. This building should be at least four stories high, first floor for apparatus, barn and offices, second floor for dormitory, closets and hay loft, third floor for drill room and gymnasium, and fourth floor for central office system of fire alarm telegraph and store room. This is the most important, although the automatic system is working in a satisfactory manner. The calls that have been made the past year for fire alarm stations by citizens in general, will tax our present system to the utmost capacity; therefore I would urge upon your honorable body to take this matter under consideration, as it is of vital importance. Would further recommend the immediate purchasing of a lot and the erection of a building and equipped with an engine and chemical company, in the vicinity of 32d Avenue North and Washington. This house would then cover the extensive lumber district now there, and would help out the resident portion of Camden until a company is stationed there, which necessarily will have to come before many years. Also a lot and building in the second ward in the vicinity of Oak and Cambridge streets. The residents and manufacturers in this vicinity have repeatedly asked for protection but have been lenient when informed that our funds would not allow it, and now that the appropriation has been made, they hope (as well as your servant) that by fall their hopes will be realized.

Would also recommend the purchasing of a lot in the district bounded by Fifth and Seventh avenue south and from Franklin to 24th street and some future time to erect a building to accommodate a truck and chemical company, for the benefit of that resident portion.

There is now being built three (3) extra hose wagons which will be stationed with Engine companies No. 2, 5 and 11, and supplied with about 1,200 feet of hose and other equipments ready for work. Heretofore on all large fires when extra hose was needed, valuable time was lost in reeling on and getting to the fire.

Would also recommend the laying of a 24 inch water main on Nicollet avenue from Second street to Twelfth street, with a double hydrant in the center and corner of each block.

Would also recommend that the salaries be readjusted.

Also recommend that engine companies. 1, 3, 4, 5, 6 and 11 be increased to 10 men each.

During the year we have had an average of 15 men detailed from the various companies to the repair shop. This has reduced the fighting force and impaired the efficiency of some companies. The detail report at 8 a. m. and labor until 5 p. m. and report for fire duty for the night. This is an extra amount of work and I would recommend that the detail to the shop be relieved from all fire duty.

CONCLUSION

In conclusion, I desire to return my thanks to his honor the mayor, to your honorable body, to the comptroller, Mr. Solon Armstrong, to the city treasurer K. Kortgaard and his able assistants, Messrs. Ankeny, Anderson and Roach, and all other city officers for their uniform kindness. To Superintendent Henderson and his force for assistance at fires. To assistant chiefs Kenney and Canterbury and acting assistant chiefs O'Neil and Hamilton, who have given me such undevoted assistance during the year, my warmest thanks are due. To the department at large, one and all, for their faithful performance of duty, gentlemanly deportment, and unvarying devotion in time of need I have the highest esteem.

To the honorable fire committee of the city council, I am under many obligations for their kindness shown the department during the year.

Respectfully submitted,

A. H. RUNGE, *Chief Engineer Fire Department.*

CASUALTIES.

Date.	Names.	Companies.	Box.	Injury
1891.				
Jan. 11.	Thomas Kehoe	Truck Co. No. 3	.....	Muscles strained.
15	S. H. Cyrler	Engine " 12	.....	Sprained ankle.
20	R. Davis	Engine " 10	.....	Injured by horse.
22	O. A. Burnes	Engine " 13	.....	Injured finger.
27	R. D. Nolan	Engine " 1	.....	Right arm sprained.
Feb. 4.	O. L. Mitchell	Engine " 8	.....	Sprained ankle.
11.	A. F. Krake	Engine " 3	41	Back, arm and shoulder.
26.	W. C. Kelley	Truck " 5	8	Arm and shoulder.
26.	E. S. Wilson	Engine " 6	8	Right knee bruised.
26.	S. M. Lockhart	Engine " 10	8	Arm and shoulder.
26.	J. Horton	Engine " 1	8	Right knee bruised.
Mch. 4.	O. W. Pierce	Engine " 12	.....	Bruised toe.
14.	E. W. Cayton	Engine " 9	.....	Bruised hand.
14.	E. I. Kingsley	Engine " 11	.....	Bruised hand.
19.	Fred Wilson	Truck " 2	.....	Bruised hand.
21.	C. H. Dumas	Engine " 11	.....	Back sprained.
25.	E. H. Prescott	Engine " 10	.....	Bruised knee.
30.	A. L. Shepard	Engine " 6	.....	Bruised hand.
Apr. 4.	R. Ehrenberg	Truck " 1	.....	Sprained wrist.
10.	T. O. Campbell	Truck " 2	.....	Sprained back.
24.	F. A. Peterson	Chemical " 1	76	Sprained back.
27.	P. W. Mixer	Engine " 7	267	Bruised toe.
May 17.	O. W. Harrington	Chemical " 7	.....	Hand burnt.
21.	J. H. Lowery	Truck " 2	438	Sprained wrist.
21.	M. Hanley	Engine " 1	438	Eye injured.
21.	N. C. Lund	Truck " 1	438	Struck in abdomen.
21.	L. W. Livingstone	Engine " 11	438	Shoulders and back.
21.	W. H. McDonald	Engine " 11	438	Struck by coupling.
30.	P. T. Quinn	Engine " 15	147	Shoulder and arm.
31.	J. A. Gonstead	Engine " 5	.....	Fingers crushed.
June 2.	C. M. Robb	Engine " 7	.....	Injured at gymnasium.
11.	O. A. Gibbs	Engine " 14	457	Sprained kn-e.
11.	John Horan	Engine " 1	.....	Injured at gymnasium.
16.	Sandy Hamilton	Engine " 11	.....	Sprained ankle.
26.	J. H. Lowery	Truck " 2	.....	Injured at gymnasium.
24.	N. Jurgens	Truck " 1	.....	Injured at gymnasium.
27.	J. Bray	Truck " 2	.....	Injured at gymnasium.
July 30.	P. E. Smith	Chemical " 1	315	Chin cut.
30.	P. J. Farrell	Chemical " 5	.....	Injured at gymnasium.
Aug. 8.	D. T. Bean	Engine " 8	65	Bruised knee.
14.	T. C. Horton	Engine " 17	.....	Kicked by horse
19.	N. C. Lund	Truck " 1	313	Struck by buggy.
19.	Thos. Jefferson	Truck " 3	.....	Abcess from fall.
20.	N. Steffes	Engine " 14	457	Bruised knee.
29.	H. C. Tuttle	Engine " 6	.....	Injured in quarters.
Sept. 21.	Wm. Benolken	Engine " 11	152	Foot and ankle sprained.
24.	J. R. Canterbury	2d Asst. Chief	.....	Fractured thigh and burnt.
24.	C. Forster	Truck Co. No. 1	16	Bruised hip, groin & burnt.
24.	O. L. Mitchell	Engine " 8	16	Bruised hand, back & burnt.
24.	J. H. Lowery	Engine " 9	16	Bruised knee.
24.	W. C. Kelly	Truck " 5	16	Bruised back and leg.
24.	F. Malone	Truck " 3	16	Bruised hip and back.
24.	O. H. Lent	Truck " 4	16	Bruised back and burnt.
24.	S. M. Lockhart	Truck " 4	16	Bruised back and hip.
24.	H. W. Cole	Engine " 15	16	Bruised hip, leg and burnt.
24.	Peter Coleman	Truck " 4	16	Bruised knee and burnt.
24.	N. Smith	Engine " 2	16	Bruised knee and burnt.
24.	J. A. Gies	Engine " 6	16	Fractured leg, ribs & burnt.
24.	C. Miner	Engine " 14	16	Fractured arm and burnt.
24.	J. Horton	Engine " 17	16	Sprained ankle and burnt.
24.	J. Hafstead	Truck " 3	16	Sprained ankle and burnt.
24.	Chas. W. Mitchell	Truck " 1	16	Back broken; died Oct. 1.
23.	Ben Wood	Engine " 5	.....	Fractured rib.
Nov. 23.	George Marden	Engine " 11	9	Eye injured.
Dec. 1.	E. Cadwell	Engine " 6	.....	Toes bruised.
2.	F. C. Brittain	Engine " 9	.....	Hand sprained.
2.	A. J. Hart	Truck " 4	.....	Bruised foot.

Memorials.

CHARLES W. MITCHELL.

Charles W. Mitchell, aged thirty-three years, a member of Truck Co. No. 1, was fatally injured at elevator C. fire on September 24th, 1891, and died October 1st. Mr. Mitchell was a young man of exemplary habits and was an excellent fireman; no man was more universally loved than was "Will." A detail from the department, together with a delegation of firemen from St. Paul, Anoka and Stillwater, attended the funeral. Rev. J. J. Faude, of Gethsemane Church, and Rev. A. Alexander, chaplain of St. Barnabas Hospital, conducted the services. "Will" was buried in the firemen's lot at Lakewood Cemetery.

The relief association paid to Miss Charlotte Mitchell, sister of the deceased, the sum of \$1,000, she being the beneficiary.

At the fire where Mr. Mitchell was fatally injured, the following members of this department were also injured, but are all on duty except the first four named:

James R. Canterbury, Second Assistant Chief, thigh fractured and badly burnt.
Lieut. John Gies, of Engine Co. No. 6, left leg broken, ribs fractured and badly burnt.
John Horton, of Engine Co. No. 17, serious sprain of the right foot and burnt.
Jacob Hafstead, of Truck Co. No. 3, serious sprain of right foot and burnt.

STILL IN HOSPITAL.

Capt. Chas. Forster.....	Truck No. 1.
Capt. Chas. Lent.....	Truck No. 4.
Lieut. W. C. Kelly.....	Truck No. 5.
Samuel Lockhart.....	Truck No. 4.
Peter Coleman.....	Truck No. 4.
William Cole.....	Engine Co. No. 17.
Robert Vance.....	Engine Co. No. 17.
Chas. L. Mitchell.....	Engine Co. No. 8.
Chas. H. Miner.....	Engine Co. No. 14.
Nicolas Smith.....	Engine Co. No. 2.
Ed. Wilcox (sub).....	Truck No. 5.
Robert Vance.....	Engine Co. No. 17.
Fred. Malone.....	Hook and Ladder No. 3.

CHARLES J. H. HUNSTOCK.

C. J. H. Hunstock was one of the oldest members of the department, having joined the old volunteers in October, 1874. He was one of the best firemen the city ever had and served faithfully for many years. At the time of his death he was on the retired list on pension. His death occurred January 19, 1891. A wife and child survive his loss.

WILLIAM KENNEY.

Wm. Kenney joined the old volunteer department February 21, 1877, and was an experienced and able fireman, having served continuously since that date. His death occurred December 20, 1891, and was due to a severe attack of la grippe which rapidly developed into typhoid pneumonia, which latter was the cause of his demise. Mr. Kenney was well liked by brother members of the department, which fact was testified to by a very large attendance on the occasion of his funeral services.

EXHIBIT "A."

ENGINE COMPANY NO. 1.

Corner Third Street and Sixth Avenue South.

This is a first class piston engine, built by the Manchester Locomotive Works, Manchester, N. H.; has been in service eight years; weight, as drawn to fires, 8,610 pounds; is drawn by three horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose; has been in service five years and six months.

Members	Age.	Former Occupation.	Position.
Michael Hanley.....	42	Locomotive fireman....	Captain.
Albert Snyder.....	31	Lumberman.....	Lieutenant.
James F. Agnew.....	27	Tinsmith.....	Pipeman.
J. A. Anderson.....	29	Painter.....	Pipeman.
John Horan.....	33	Tinner.....	Pipeman.
Matthew Coyle.....	39	Sawyer.....	Engineer.
Richard D. Nolan.....	34	Locomotive engineer....	Ass't engineer.
James Brady.....	27	Teamster.....	Driver Engine.
J. T. McBride.....	37	Teamster.....	Driver Hose.
*James N. Quigley.....	32	Teamster.....	

*Disabled, on pension roll.

ENGINE COMPANY NO. 3.

No. 43 Third Street South.

This is a first class piston engine built by the Clapp & Jones M'fg Co., Hudson, N. Y.; has been in service three years, weight as drawn to fires, 8,000 pounds, drawn by three horses.

Members.	Age.	Former Occupation.	Position.
Herbert E. Penney.....	32	Machinist.....	Engineer.
Frank H. Babcock.....	27	Locomotive Engineer....	Ass't Engineer.
Joseph E. Krake.....	35	Laborer.....	Driver Steamer.

ENGINE COMPANY NO. 4.

Twelfth Avenue North between Washington Avenue and Third Street.

This is a second class piston engine, built by the Manchester Locomotive Works, Manchester, N. H.; has been in service eight years and three months; weight as drawn to fires 7,700 pounds; is drawn by four horses, attended by one four-wheel hose carriage, drawn by two horses, capable of carrying one thousand feet of hose.

Members.	Age.	Former Occupation.	Position.
William J. Hart.....	33	Tackmaker.....	Captain.
Theodore Kenning.....	39	Carpenter.....	Lieutenant.
George Kersten.....	36	Carpenter.....	Pipeman.
Frank Board.....	29	Teamster.....	Pipeman.
W. E. McFarland.....	25	Lumberman.....	Pipeman.
Wm. E. Richmond.....	37	Locomotive Engineer....	Engineer.
Ed McWhinney.....	27	Locomotive Fireman....	Ass't Engineer.
Thos. W. Eastman.....	31	Teamster.....	Driver, Steamer.
Joseph Stoffes.....	48	Laborer.....	Driver, Hose.

ENGINE COMPANY NO. 5.

Corner Fifteenth Avenue South and Fourth Street.

This is a second class piston engine, built by the Clapp & Jones Manufacturing Co. Hudson, N. Y.; has been in service four years and two months; weight as drawn to fires 7,700 lbs.; drawn by four horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose; has been in service eight years,

Members.	Age.	Former occupation.	Position.
J. C. Sullivan	35	Miller	Captain.
James McDonald	38	Cooper	Lieutenant.
Jas. P. Murphy	42	Laborer	Pipeman.
Jas. B. Hanson	30	Teamster	Pipeman.
David T. McIntosh	32	Boxmaker	Pipeman.
John A. Gonstead	29	Locomotive engineer...	Engineer.
Henry H. Winslow	37	Teamster	Asst. Engineer.
James Hoy	30	Teamster	Driver steamer.
John Hale	48	Gas filter	Driver hose.

ENGINE COMPANY NO. 6.

Corner Twelfth Street and Third Avenue South.

This is a first class piston engine, built by the Aherns Manufacturing Co., Cincinnati, Ohio; has been in service five years and four months; weight as drawn to fires, 9,000 lbs.; is drawn by four horses; attended by one four-wheel hose carriage, drawn by two horses, capable of carrying 1,000 feet of hose.

Members.	Age.	Former occupation.	Position.
Ernest Cadwell	31	Mattress maker	Captain.
John A. Gies	30	Laborer	Lieutenant..
John J. Murphy	39	Teamster	Pipeman.
Alex. Shepard	28	Teamster	Pipeman.
Samuel C. Nelder	27	Teamster	Pipeman.
Nels C. Lund	33	Carpenter	Pipeman.
H. C. H. Tuttle	24	Teamster	Pipeman.
John W. Allen	29	Carriage maker	Engineer.
Wm. Dunn	22	Machinist	Asst. Engineer.
Wm. H. McDonald	25	Millman	Driver steamer.
Ernest A. Titze	24	Clerk	Driver hose.

ENGINE COMPANY NO. 7.

Near Corner Franklin and Twenty-first Avenues South.

This is a second class piston engine, built by the Amoskeag Manufacturing Co. Manchester, N. H.; was rebuilt in fire department repair shop 1890; has been in service seventeen years and four months; weight as drawn to fires, 7,887 lbs.; drawn by four horses, attended by one four-wheel hose carriage, drawn by two horses; capable of carrying one thousand feet of hose.

Members.	Age.	Former occupation.	Position.
Joseph Hernlund	32	Clerk	Captain.
Adolph W. Porsch	32	Moulder	Lieutenant.
George S. Smith	47	Shoemaker	Pipeman.
C. H. Dumas	28	Clerk	Pipeman.
James Bloomer	31	Carpenter	Pipeman.
John W. Cheatham	35	Laborer	Pipeman.
Michael O. Sullivan	47	Lumberman	Engineer.
Phineas W. Mixer	30	Locomotive engineer....	Asst. Engineer.
Benj. Wood	45	Teamster	Driver steamer.
Cicero M. Robb	45	Glove cutter	Driver hose.
Frank Sieverkrof	32	Blacksmith	Blacksmith.
Adam Hunter	40	Blacksmith	Blacksmith.
H. A. Johnson	39	Blacksmith	Blacksmith.
A. E. Raymond	30	Blacksmith	Blacksmith.

ENGINE COMPANY NO. 8.

Corner Twenty-eighth Street and Blaisdell Avenue.

This is a second class piston engine, built by the Manchester Locomotive Works, Manchester, N. H.; has been in service nine years and two months; weight as drawn to fires 7,500 pounds, is drawn by four horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose.

Members.	Age.	Former occupation.	Position.
R. W. York.....	51	Carpenter.....	Captain.
Wallace Jewell.....	34	Laborer.....	Lieutenant
Charles L. Mitchell.....	40	Carpenter.....	Pipeman.
David T. Bean.....	29	Laborer.....	Pipeman.
Stephen McBride.....	42	Teamster.....	Engineer.
John E. Taylor.....	38	Locomotive engineer.....	Assistant engineer.
Wm. Blair.....	37	Teamster.....	Driver engine.
Kimball Davies.....	30	Laborer.....	Driver hose.

ENGINE COMPANY NO. 9.

Corner of Seventh Avenue Southeast and Eighth Street.

This is a second class piston engine, built by the Ahrens Mfg. Co., Cincinnati, Ohio; has been in service since April 11, 1891, and weighs, as drawn to fires, 8,700 pounds; is drawn by four horses, attended by one four-wheel hose carriage capable of carrying one thousand feet of hose, drawn by two horses.

Members.	Age.	Former occupation.	Position.
E. W. Cayton.....	31	Upholsterer.....	Captain.
W. A. Gonyea.....	29	Laborer.....	Lieutenant.
C. C. Lane.....	30	Laborer.....	Pipeman.
Fred C. Brittain.....	27	Carpenter.....	Pipeman.
A. W. Reeves.....	25	Shingle packer.....	Pipeman.
Chas. N. Watts.....	36	Engineer.....	Engineer.
Ira W. Haven.....	25	Locomotive engineer.....	Assistant engineer.
Chas. A. Saunders.....	38	Lumberman.....	Driver steamer.
A. M. Niles.....	26	Carpenter.....	Driver hose.

ENGINE COMPANY NO. 10 AND WATER TOWER NO. 1.

Holden Street, Oak Lake Addition.

This is a first class piston engine, built by the La France Fire Engine Company, Elmira, N. Y.; has been in service three years; weight, as drawn to fires, 9,350 pounds, is drawn by four horses, attended by one four-wheel hose carriage drawn by two horses capable of carrying one thousand feet of hose.

The water tower was built by the Kansas City Supply Co. and went into service in April, 1891. Its weight as drawn to fires is 10,070 pounds, is drawn by two horses.

Members.	Age.	Former occupation.	Position.
Willard Pollock.....	37	Tinner.....	Captain.
John Hill.....	38	Teamster.....	Lieutenant.
George H. Smith.....	29	Clerk.....	Pipeman.
Chas. Mosher.....	28	Laborer.....	Pipeman.
Chas. Melthke.....	26	Bricklayer.....	Pipeman.
Chas. Price.....	35	Machinist.....	Engineer.
E. B. Mayo.....	32	Locomotive engineer.....	Assistant engineer
K. J. Broderick.....	39	Teamster.....	Driver steamer.
Thos. J. Coleman.....	27	Teamster.....	Driver hose.
Ed. Felsing.....	29	Laborer.....	Lieutenant W. T.
Daniel L. Kane.....	27	Carpenter.....	Pipeman.
R. Davis.....	31	Shinglepacker.....	Driver W. T.

ENGINE COMPANY No. 11.

24 to 32 Second Street Southeast.

This is a first-class piston engine, built by the Ahrens Manufacturing Co., Cincinnati, Ohio, has been in service five years, weight as drawn to fires, 9,000 pounds, is drawn by four horses; attended by one four-wheel hose carriage, drawn by two horses capable of carrying 1,000 feet of hose.

Members.	Age.	Former Occupation.	Position.
Sandy Hamilton	27	Laborer	Captain.
George Marden	33	Millman	Lieutenant.
Frank W. Uehlein	25	Painter	Pipeman.
Wm. N. Benolkin	24	Clerk	Pipeman.
Pat McElroy	41	Stonemason	Pipeman.
Ed I. Kingley	35	Locomotive fireman	Engineer.
J. W. Manning	30	Harnessmaker	Assistant Engineer.
C. W. Pierce	27	Sawyer	Driver steamer.
Hillman Gould	40	Teamster	Driver hose cart.

ENGINE COMPANY No. 12.

Corner of Summer and Jackson Streets Northeast.

This is a second-class piston engine, built by the Clapp & Jones Manufacturing Co., Hudson, N. Y., has been in service three years, weight as drawn to fires 6,880 pounds, drawn by three horses; attended by one four-wheeled hose carriage drawn by two horses, capable of carrying 1,000 feet of hose.

Members.	Age.	Former Occupation.	Position.
Nicholas Mangen	36	Blacksmith	Captain.
Lewis Livingston	30	Millman	Lieutenant.
Solomon H. Gyrier	37	Machinist	Pipeman.
John A. Benolken	24	Clerk	Pipeman.
Tom Irving	26	Teamster	Pipeman.
Thos. E. McGlrick	21	Teamster	Engineer.
Fred B. Morse	21	Engineer	Assistant Engineer.
Addison D. Starkey	34	Teamster	Driver steamer.
William O'Brien	30	Teamster	Driver hose.

ENGINE COMPANY No. 14.

Corner of Twenty-first Avenue North and Fourth Street.

This is a second-class piston engine, built by the La France Fire Engine Co., Elmira, N. Y., has been in service four years, weight as drawn to fires 8,000 pounds, is drawn by three horses; attended by one four-wheeled hose carriage, drawn by two horses, capable of carrying 1,000 feet of hose.

Members.	Age.	Former Occupation.	Position.
Nicholas Steffes	41	Teamster	Captain.
Fred Raike	35	Carpenter	Lieutenant.
Chas. H. Miner	34	Teamster	Pipeman.
J. W. George	33	Carpenter	Pipeman.
H. A. Rippe	28	Machinist	Pipeman.
Chas. A. Gibbs	28	Upholsterer	Engineer.
George Lund	26	Sailor	Assistant Engineer
Wallace Smith	37	Teamster	Driver steamer.
Andrew Beck	48	Cigarmaker	Driver hose.

ENGINE COMPANY NO. 16.

Corner of James Avenue and Fifth Avenue North.

This is a second-class piston engine, built by the Clapp & Jones Mfg. Co., Hudson, N. Y., has been in service since December 17, 1890, weight as drawn to fires, 7,740 pounds; is drawn by three horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose.

Members.	Age.	Former occupation.	Position.
Christ, Henry	45	Shoemaker	Captain.
Lenhard Sharf.....	31	Cooper.....	Lieutenant.
Fred. Schuppel.....	32	Laborer.....	Pipeman.
Hugh Fox	25	Laborer.....	Pipeman.
C. A. Howard	36	Blacksmith.....	Blacksmith.
Wm. H. West.....	32	Blacksmith.....	Engineer.
O. H. Foster.....	31	Steam fitter.....	Assistant engineer.
George Seeliger.....	33	Laborer.....	Driver steamer.
Michael Henry.....	38	Harness maker.....	Driver hose.

ENGINE COMPANY NO. 17.

Corner Chicago Avenue and Thirty-Fifth Street.

This is a Cole Bros.' second-class piston engine, has been in service since 1872, drawn by two horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose.

Members.	Age.	Former occupation.	Position.
Chas. O. Pierce	56	Teamster	Captain.
Merrit M. Dailey	31	Laborer	Lieutenant.
Hollis W. Cole	30	Laborer	Pipeman.
John Horton.....	46	Edge sawyer.....	Pipeman.
Robert Vance.....	38	Painter.....	Pipeman.
Daniel E. Gunsolus.....	39	Brass finisher.....	Engineer.
E. S. Wilson.....	42	Lumberman.....	Assistant engineer.
W. E. Reno.....	30	Teamster.....	Driver steamer.
Thos. C. Horton.....	41	Cooper.....	Driver hose

HOSE COMPANY NO. 2.

Corner Main Street and Thirteenth Avenue Northeast.

This is a four-wheeled hose carriage, built by the Fire Extinguisher Mfg. Co., Chicago, Ills.; was formerly No. 3 and was rebuilt in the fire department repair shop September, 1880, weight as drawn to fires, 5,000 pounds; is drawn by two horses and is capable of carrying one thousand feet of hose.

Members.	Age.	Former occupation.	Position.
Nicholas Thielen.....	49	Painter	Captain.
Theo. Klares.....	32	Laborer.....	Lieutenant.
John W. Scheffel.....	31	Laborer.....	Pipeman.....
Nicholas Smith.....	29	Shingle sawyer.....	Pipeman.....
Wm. G. Walsh.....	39	Lumberman.....	Pipeman.....
Peter Miller.....	48	Laborer.....	Driver hose.

HOSE COMPANY NO. 3.

Corner of Second Street and Third Avenue North.

This is a four wheel carriage, built by the Fire Extinguisher Manufacturing Co., Chicago, Ill., has been in service six years and five months, carries 1,000 feet of hose, drawn by two horses, weight as drawn to fires, 5,000 pounds.

Members.	Age.	Former occupation.	Position.
A. F. Krake	34	Artist	Captain.
Chas. Craigie	31	Baker	Lieutenant.
Daniel Harrington	24	Laborer	Pipeman.
William Schwartz	31	Laborer	Pipeman.
Chas. A. Essen	35	Painter	Pipeman.
John Thies	39	Laborer	Driver hose.

HOSE COMPANY NO. 13.

Seventeenth Avenue South between Twenty-fifth and Twenty-sixth Streets.

This is a four-wheeled carriage, has been in service fifteen years, drawn by two horses, capable of carrying 1,000 feet of hose, weight as drawn to fires, 5,000 pounds.

Members.	Age.	Former occupation.	Position.
Wm J. Malone	38	Carpenter	Captain.
Oliver A. Burnes	36	Cooper	Lieutenant.
Daniel Noonan	38	Cooper	Pipeman.
Patrick J. Farrell	29	Printer	Pipeman.
F. L. Davis	23	Packer	Driver hose.

HOSE COMPANY NO. 15.

Central Avenue and Twenty-fourth Avenue Northeast.

This is a four-wheeled carriage, built by the Moline Pump Co., Moline, Ill., has been in service two years and nine months, drawn by two horses, is capable of carrying 1,000 feet of hose, weight as drawn to fires, 5,000 pounds.

Members.	Age.	Former occupation.	Position.
Sidney B. Wilson	37	Upholsterer	Captain.
John H. W. Glalzer	45	Painter	Pipeman.
Thos. P. Boland	29	Clerk	Pipeman.
W. J. Crosby	24	Clerk	Pipeman.
James Lowery	39	Packer	Pipeman.
Chas. F. Howe	25	Woodworker	Driver hose.

HOOK AND LADDER COMPANY NO. 1 AND SUPPLY NO. 1.

Corner Second Street and Third Avenue North.

This is an extra first-class turntable truck of the Hayes patent, built by the La France Fire Engine Co., Elmira, N. Y., has been in service since August 25, 1885; weight, including 315 feet of ladders, 11,703 pounds; is drawn by four horses. This truck was rebuilt at the fire department repair shop in 1890. Supply wagon No. 1 is run in connection with this truck; has been in service since August 6, 1891; was built in the fire department repair shop; weight, 3,850 pounds; is drawn by two horses and carries two Babcock extinguishers, guard and life lines, 50 feet of 3¼ hose and siamese connection nozzle, etc., twenty-four covers, axes, hand pump and large hook chain and rope.

MEMBERS.	Age.	Former occupation.	Position.
Chas. Forster	42	Printer	Captain.
George Kehoe	31	Lumberman	Lieutenant.
Edward Thielen	29	Painter	Ladder man.
Nicolay Jurgens	37	Sailor	Ladder man.
John A. Miles	28	Locomotive fireman	Ladder man.
Nicholas D. Loye	29	Harnessmaker	Ladder man.
James Crotty	31	Teamster	Ladder man.
Charles Bradley	31	Laborer	Ladder man.
Beecher Holt	31	Lineman	Ladder man.
Robert Ehrenberg	35	Carpenter	Tillerman.
James Slater	29	Teamster	Driver truck.
L. A. Carpenter	26	Teamster	Driver supply.

HOOK AND LADDER COMPANY NO. 2 AND CHEMICAL NO. 3.

From Twenty-four to Thirty-two Second Street Southeast.

This is a second-class steel truck, with modern improvements, including patent steering apparatus; built by Fire Extinguishing Mfg. Co., Chicago, Ill.; has been in service four years; drawn by two horses; weight, including 277 feet of ladders 7,500 pounds. Chemical No. 3 is run in connection with this truck. This was originally a two-wheeled chemical but was rebuilt into a combined chemical and fire patrol wagon at the fire department repair shop in 1890; is drawn by two horses; weight 4,200 pounds.

MEMBERS.	Age.	Former occupation.	Position.
William Treager.....	33	Tinner.....	Captain
L. D. Smith.....	39	Planer.....	Lieutenant
Obder Campbell.....	34	Laborer.....	Ladderman
David Lagessee.....	34	Shoemaker.....	Ladderman
Fred Wilson.....	26	Lath sawyer.....	Ladderman
Henry Rappa.....	31	Butcher.....	Ladderman
Joseph Bray.....	39	Millman.....	Ladderman
Albert E. Murphy.....	29	Blacksmith.....	Ladderman
John Cravrock.....	31	Flour packer.....	Ladderman
Dennis Gorey.....	31	Millman.....	Tillerman
A. A. Hoyt.....	45	Teamster.....	Driver truck
Fred Bohmbach.....	30	Teamster.....	Driver chemical

HOOK AND LADDER COMPANY NO. 3.

Corner of Fifteenth Avenue South and Fourth Street.

This is a Babcock Aerial truck, with modern improvements, built by the Fire Extinguisher Manufacturing Company, Chicago Ill., has been in service three years, was rebuilt at the fire department repair shop 1890; weight, including 284 feet of ladders 9,000 pounds; is drawn by four horses.

Members.	Age.	Former occupation.	Position.
Wm. O'Neill.....	34	Laborer.....	Captain.
James C. Pearson.....	30	Harnessmaker.....	Lieutenant.
Fred Malone.....	33	Carpenter.....	Ladderman.
John Barrett.....	28	Laborer.....	Ladderman.
Frank Wollman.....	35	Painter.....	Ladderman.
John Linstrom.....	26	Laborer.....	Ladderman.
William J. Ford.....	31	Teamster.....	Ladderman.
Thomas Jefferson.....	38	Laborer.....	Ladderman.
Jacob Halstead.....	31	Carpenter.....	Tillerman.
Chas. D. Wendt.....	39	Laborer.....	Driver truck.

HOOK AND LADDER COMPANY NO. 4.

Twelfth Avenue North between Washington Avenue and Third Street.

This is a first class steel truck, built by the Fire Extinguisher Manufacturing Company, Chicago, Ill., has been in service two years and nine months; weight, including 242 feet of ladders 7,500 pounds; is drawn by two horses.

Members.	Age.	Former occupation.	Position.
Charles H. Lent.....	40	Bricklayer.....	Captain.
Fred W. Vogel.....	36	Cooper.....	Lieutenant.
Henry W. Steffens.....	35	Harnessmaker.....	Ladderman.
Otto Lohf.....	27	Cooper.....	Ladderman.
Edward Llewellyn.....	27	Lumberman.....	Ladderman.
A. G. Schlener.....	34	Harnessmaker.....	Ladderman.
Peter Colman.....	26	Laborer.....	Ladderman.
Samual Lockhart.....	34	Laborer.....	Ladderman.
Wm. G. Volkert.....	32	Cabinetmaker.....	Tillerman.
Albert J. Hart.....	38	Carpenter.....	Driver truck.

HOOK AND LADDER COMPANY NO. 5.

Corner of Twenty-eighth Street and Blaisdell Avenue.

This is a second class truck with modern improvements, including the segment steering apparatus; was built by the Fire Extinguisher Manufacturing Company, Chicago, Ill., has been in service eleven years and three months, was rebuilt at fire department repair shop 1889; weight, including 304 feet of ladders, 4,737 pounds; is drawn by two horses.

Members.	Age.	Former occupation.	Position.
James J. Murphy.....	44	Wagonmaker.....	Captain.
Wm. C. Kelley.....	46	Cooper.....	Lieutenant.
Lawrence Lyng.....	41	Cooper.....	Ladderman.
Ira A. Simons.....	24	Teamster.....	Ladderman.
Chas. Gould.....	37	Laborer.....	Ladderman.
Fred Boehlke.....	23	Carriage finisher.....	Ladderman.
Chas. Osborne.....	28	Teamster.....	Ladderman.
Joseph Hannon.....	23	Carpenter.....	Ladderman.
Wm. A. Allen.....	32	Cooper.....	Tillerman.
William C. Winslow.....	29	Laborer.....	Driver track.

CHEMICAL ENGINE COMPANY NO. 1.

No. 43 Third Street South.

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ills.; has been in service eight years and one month; weight when ready for use 5,500 pounds; is drawn by two horses. This engine is substantially made, with two iron tanks or generators jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members.	Age.	Former occupation.	Position.
H. H. Thompson.....	35	Cooper.....	Captain.
Thos. J. McElroy.....	30	Laborer.....	Lieutenant.
Timothy S. Ryan.....	24	Bridge builder.....	Pipeman.
Percy E. Smith.....	26	Flour packer.....	Pipeman.
L. W. Mixer.....	32	Locomotive engineer.....	Pipeman.
John Cannon.....	49	Cooper.....	Driver.

CHEMICAL ENGINE COMPANY NO. 2.

Corner of Twenty-eighth Street and Blaisdell Avenue.

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ills.; has been in service four years; weight when ready for use, 3,700 pounds; is drawn by two horses. This engine has two iron tanks or generators jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members.	Age.	Former occupation.	Position.
James J. Murphy.....	44	Wagonmaker.....	Captain.
John Q. Gilman.....	41	Blacksmith.....	Lieutenant.
Frank A. Peterson.....	28	Laborer.....	Pipeman.
Thomas J. Croak.....	44	Teamster.....	Driver.

CHEMICAL ENGINE COMPANY NO. 4.

Corner of Twenty-first Avenue North and Fourth Street.

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ills.; has been in service four years; weight when ready for use, 3,700 pounds; is drawn by two horses. This engine has two iron tanks or generators jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members.	Age.	Former occupation.	Position.
H. W. B. Smith.....	41	Carpenter.....	Captain.
Ed Stuth.....	30	Carpenter.....	Pipeman.
Ernest Miethke.....	25	Bricklayer.....	Pipeman.
George E. Gould.....	29	Teamster.....	Driver.

CHEMICAL ENGINE COMPANY NO. 5.

Seventeenth Avenue South between Twenty-fifth and Twenty-sixth Streets.

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ill.; has been in service four years; weight when ready for use, 3,700 pounds; drawn by two horses. This engine has two iron tanks or generators jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members.	Age.	Former occupation.	Position.
James McCulloch.....	30	Carpenter.....	Lieutenant.
Jerry Murphy.....	32	Laborer.....	Pipeman.
Benjamin J. Bell.....	38	Blacksmith.....	Pipeman.
Frank W. Davis.....	28	Clerk.....	Driver.

CHEMICAL ENGINE COMPANY NO. 6.

Central Avenue and Twenty-fourth Avenue Northeast.

This apparatus was built by the Babcock Manufacturing company, Chicago, Ills., has been in service twelve years. Weight, when ready for use, 4,500 pounds, drawn by two horses. This engine has one upright iron tank or generator jacketed with brass, which is tested to 300 pounds pressure. Carbonic acid gas is both the working and extinguishing agent.

Members.	Age.	Former occupation.	Position.
Louis Rober.....	36	Flour bolter.....	Captain.
Henry R. Weekley.....	32	Blacksmith.....	Pipeman.
T. J. Bohan.....	26	Clerk.....	Pipeman.
Cornelius Coakley.....	28	Teamster.....	Driver.

CHEMICAL ENGINE COMPANY NO. 7.

Corner of Chicago Avenue and Thirty-fifth Street.

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ill., has been in service since December 17, 1890. Weight, when ready for use, 3,700 pounds; is drawn by two horses. This engine has two iron tanks or generators, jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members.	Age.	Former occupation.	Position.
Chas. O. Pierce.....	56	Teamster.....	Captain.
Chas. W. Ringer.....	27	Teamster.....	Lieutenant.
Chas. W. Harrington.....	37	Carpenter.....	Pipeman.
J. M. Ryan.....	29	Packer.....	Pipeman.
Michael Copely.....	48	Cooper.....	Driver.

EXTRA WORK.

Repairs to apparatus and repair shop work.....	7,557 days.
Repairs to engine houses.....	160 days.
Fire alarm telegraph.....	327 days.
Hauling manure and extra work.....	81 days.
Total.....	7,825 days.

EXHIBIT "B."

Itemized Statements of Expenditures for Each Station, Year of 1891.

ENGINE COMPANY NO. 1.

Forage.....	\$426.53	
Lights.....	66.54	
Fuel.....	339.15	
Ice.....	30.52	
Laundry.....	32.19	
Soft soap.....	10.44	
Horse shoeing.....	64.25	
Repairs to buildings.....	84.06	
Property purchased.....	18.58	
		\$1,072.36

ENGINE COMPANY NO. 2.

Forage.....	\$251.52	
Light.....	18.23	
Fuel.....	95.75	
Ice.....	25.20	
Casspool.....	20.52	
Laundry.....	12.00	
Horse shoeing.....	11.75	
Repairs to buildings.....	9.00	
Property purchased.....	21.25	
		\$465.22

ENGINE COMPANY NO. 3 AND CHEMICAL NO. 1.

Forage.....	\$512.68	
Lights.....	113.72	
Fuel.....	383.40	
Ice.....	41.17	
Laundry.....	18.08	
Soft soap.....	9.92	
Horse shoeing.....	148.00	
Acid and soda.....	43.00	
Repairs to buildings.....	88.53	
Property purchased.....	116.50	
		\$1,475.00

HOOK AND LADDER NO. 1 SUPPLY NO. 1 AND HOSE NO. 3

Forage.....	\$680.30	
Lights.....	213.63	
Fuel.....	311.83	
Ice.....	30.52	
Laundry.....	67.80	
Soft soap.....	22.91	
Horse shoeing.....	85.00	
Acid and soda.....	16.81	
Repairs to building.....	167.20	
Property purchased.....	176.77	
		\$1,772.7

ENGINE AND TRUCK COMPANIES NO. 4.

Forage.....	\$841.21	
Light.....	65.02	
Fuel.....	521.42	
Ice.....	25.19	
Laundry.....	61.06	
Soft soap.....	6.90	
Scavenger work.....	44.80	
Horse shoeing.....	88.50	
Repairs to building.....	185.03	
Property purchased.....	72.66	
		\$1,912.68

ENGINE COMPANY NO. 5 AND TRUCK NO. 3.

Forage.....	\$980.81	
Light.....	149.79	
Fuel.....	361.41	
Ice.....	24.58	
Laundry.....	55.34	
Soft soap.....	10.07	
Horse shoeing.....	102.50	
Repairs to building.....	51.60	
Property purchased.....	326.00	
		\$2,062.10

ENGINE COMPANY NO. 6 AND FUEL WAGON NO. 1.

Forage.....	\$622.09	
Light.....	92.61	
Fuel.....	294.54	
Ice.....	31.03	
Laundry.....	39.87	
Soft soap.....	7.25	
Horse shoeing.....	75.00	
Repairs to building.....	3.98	
Property purchased.....	106.29	
		\$1,271.66

ENGINE COMPANY NO. 7 AND FUEL WAGON NO. 3.

Forage.....	\$628.99	
Light.....	70.75	
Fuel.....	313.56	
Ice.....	23.32	
Laundry.....	31.87	
Soft soap.....	7.34	
Scavenger work.....	19.20	
Horse shoeing.....	42.50	
Repairs to building.....	25.20	
Property purchased.....	159.76	
		\$1,352.49

ENGINE COMPANY NO. 8, TRUCK NO. 5, CHEMICAL NO. 2.

Forage.....	\$847.59	
Light.....	88.30	
Fuel.....	442.53	
Ice.....	29.90	
Laundry.....	66.08	
Soft soap.....	9.60	
Acid and soda.....	53.88	
Scavenger work.....	19.20	
Horse shoeing.....	87.75	
Repairs to building.....	266.60	
Property purchased.....	185.00	
		\$2,096.52

ENGINE COMPANY NO. 9 AND FUEL WAGON NO. 2.

Forage.....	\$539.80	
Light.....	110.15	
Fuel.....	574.34	
Ice.....	25.20	
Laundry.....	26.14	
Soft soap.....	13.08	
Scavenger work.....	32.00	
Horse shoeing.....	42.50	
Repairs to building.....	6.68	
Property purchased.....	35.37	
		\$1,405.26

ENGINE COMPANY NO. 10 AND WATER TOWER.

Forage.....	\$703.79	
Light.....	89.30	
Fuel.....	344.83	
Ice.....	29.00	
Laundry.....	35.36	
Soft soap.....	1.80	
Scavenger work.....	96.00	
Acid and soda.....	20.14	
Horse shoeing.....	60.50	
Repairs to building.....	63.89	
Property purchased.....	133.90	
		\$1,588.50

ENGINE COMPANY NO. 11, TRUCK NO. 2, CHEMICAL NO. 3 AND FUEL WAGON NO. 4.

Forage.....	\$1,060.33	
Light.....	195.12	
Fuel.....	463.41	
Ice.....	30.52	
Drugs.....	1.70	
Laundry.....	67.87	
Soft soap.....	18.05	
Horse shoeing.....	97.90	
Acid and soda.....	46.33	
Repairs to building.....	105.34	
Property purchased.....	65.43	
		\$2,155.00

ENGINE COMPANY NO. 12.

Forage.....	\$497.32	
Lights.....	43.51	
Fuel.....	108.81	
Ice.....	23.32	
Laundry.....	33.35	
Soft soap.....	7.47	
Scavenger work.....	89.80	
Horse shoeing.....	44.00	
Repairs to building.....	23.30	
Property purchased.....	65.90	
		\$831.58

ENGINE COMPANY NO. 13 AND CHEMICAL NO. 5.

Forage.....	\$374.97	
Lights.....	31.50	
Fuel.....	150.03	
Ice.....	26.83	
Laundry.....	32.86	
Acid and soda.....	44.50	
Scavenger work.....	70.40	
Horse shoeing.....	31.75	
Repairs to building.....	42.84	
Property purchased.....	79.24	
		\$885.01

ENGINE COMPANY NO. 14 AND CHEMICAL COMPANY NO. 4.

Forage.....	\$572.82	
Lights.....	33.60	
Fuel.....	481.48	
Ice.....	30.52	
Laundry.....	46.31	
Soft soap.....	5.22	
Acid and soda.....	50.69	
Horse shoeing.....	69.00	
Repairs to building.....	65.83	
Property purchased.....	27.34	
		\$1,376.81

ENGINE COMPANY NO. 15 AND CHEMICAL COMPANY NO. 6.

Forage.....	\$408.37	
Lights.....	24.50	
Fuel.....	340.70	
Ice.....	30.19	
Laundry.....	29.85	
Soft soap.....	3.00	
Acid and soda.....	13.35	
Horse shoeing.....	12.40	
Repairs to building.....	168.12	
Property purchased.....	23.78	
		\$1,083.26

ENGINE COMPANY NO. 16.

Forage.....	\$460.22	
Lights.....	38.78	
Fuel.....	354.75	
Ice.....	20.00	
Laundry.....	28.77	
Soft soap.....	1.80	
Horse shoeing.....	40.50	
Repairs to building.....	144.50	
Property purchased.....	113.58	
		\$1,200.00

ENGINE COMPANY NO. 17 AND CHEMICAL COMPANY NO. 7.

Forage.....	\$402.09	
Lights.....	44.80	
Fuel.....	435.76	
Ice.....	19.25	
Laundry.....	27.78	
Acid and soda.....	15.34	
Horse shoeing.....	35.45	
Repairs to building.....	95.33	
Property purchased.....	231.77	
		\$1,397.57

GENERAL DEPARTMENT EXPENSES.

Salaries	\$206,161.51	
Telephone	468.71	
Freight and express	351.44	
Printing and stationery	272.74	
Hose	9,047.36	
Horses	4,700.00	
Horse shoeing	134.25	
Running expenses	600.62	
Rent of lot	145.00	
Property purchased	15,002.09	
		\$238,886.95

STORE ROOM ACCOUNT.

Gaskets	\$19.50	
Brooms	56.00	
Lantern globes	9.75	
Lamp chimneys	12.30	
Whips	39.50	
Waste	122.57	
Oils	14.75	
Horse pails	5.00	
Lanterns	16.67	
Matches	23.15	
Supplies	486.77	
		\$804.06

VETERINARY DEPARTMENT.

Forage	\$1,048.32	
Fuel	53.88	
Drugs	143.62	
Horse shoeing	68.75	
Scavenger work	8.00	
Pasturing	5.00	
Soft soap .....	.60	
Repairs to building	51.55	
Property	84.68	
		\$1,464.40

REPAIR SHOP ACCOUNT.

Fuel	\$392.45	
Light	6.82	
Oil and waste	53.25	
Ice	28.60	
Material for use	3,668.99	
Water tank	16.20	
Repairs to building	13.87	
Property purchased	84.78	
		\$4,264.06

FIRE ALARM TELEGRAPH.

Poles	\$476.50	
Okonite copper wire	77.08	
B. B. wire	355.08	
Hardware	72.30	
Translators and brackets	41.79	
Cross arms and pins	221.05	
Magnets	19.36	
Reels	49.25	
Horse shoeing	17.00	
Battery supplies	726.76	
Property purchased	944.51	
		\$2,996.68

HORSESHOEING ACCOUNT.

Material	\$47.88	
Nails	45.20	
Shoes	59.15	
Vice	5.50	
Anvil	18.20	
Rasps	18.86	
Blower	11.50	
Apron	1.00	
		\$307.28

STATEMENT OF EXPENDITURES BY MONTHS, 1891.

	Salaries.	Running Expenses.
January.....	\$17,491.56	\$4,303.35
February.....	17,827.98	2,888.76
March.....	18,107.39	4,294.96
April.....	18,217.27	20,411.29
May.....	18,115.44	4,647.21
June.....	18,659.95	5,676.30
July.....	18,723.86	3,063.49
August.....	18,641.89	2,232.79
September.....	18,650.01	2,250.43
October.....	19,332.38	3,758.11
November.....	19,228.81	7,062.21
December.....	5,145.00	3,010.56
	<u>\$208,161.54</u>	<u>\$65,909.36</u>

Total Expenditures.

Salaries.....	\$208,161.54
Other expenses.....	65,909.36
	<u>\$274,130.90</u>

Recapitulation.

Engine Co. No. 1.....	\$1,072.26
Engine Co. No. 2.....	465.22
Engine Co. No. 3 and Chemical No. 1.....	1,475.00
H. & L. No. 1, Hose No. 3 and Supply No. 1.....	1,772.78
Engine Co. and Truck Co. No. 4.....	1,912.68
Engine Co. No. 5 and Truck No. 3.....	2,062.10
Engine Co. No. 6 and Fuel Wagon No. 1.....	1,271.66
Engine Co. No. 7 and Fuel Wagon No. 3.....	1,352.49
Engine Co. No. 8, Truck No. 5 and Chemical No. 2.....	2,066.52
Engine Co. No. 9 and Fuel Wagon No. 2.....	1,405.26
Engine Co. No. 10 and water tower.....	1,588.50
Engine Co. No. 11, Truck No. 2, Chemical No. 3 and Fuel Wagon No. 4.....	2,155.00
Engine Co. No. 12.....	931.58
Engine Co. No. 13 and Chemical No. 5.....	885.01
Engine Co. No. 14 and Chemical No. 4.....	1,376.81
Engine Co. No. 15 and Chemical No. 6.....	1,083.26
Engine Co. No. 16.....	1,200.99
Engine Co. No. 17 and Chemical No. 7.....	1,397.57
General department.....	238,886.95
Store room.....	804.96
Veterinary department.....	1,464.40
Repair shop.....	4,234.96
Fire alarm telegraph.....	2,996.68
Horseshoeing account.....	207.28
	<u>\$274,130.90</u>

PROPERTY PURCHASED.

7 aprons, blacksmith..	\$ 1.88
3 axes, hand..	2.25
1 anvil ..	18.20
1 bucket, iron.....	.90
5 boxes, fire alarm wheels and plates	753.00
3 bits, extension.....	4.75
9 gross buttons, M. F. D.....	56.25
10 books, order and journal.....	23.00
3 books, record	43.04
1 blower.....	11.50
12 blades, for knife.....	1.25
62 badges.....	60.00
14 blankets, horse.....	51.30
12 blankets, bed	45.00
12 bedsteads	78.00
1 basket, bushel.....	.20
1 barrow, wheel.....	3.25
17 collars, horse.....	44.00
4 cans, oil, one gallon.....	.85
1 cup, drinking.....	.28
102 coats, rubber.....	345.00
5 cans, two gallon.....	3.70
4 yards canvass, awning.....	3.40
1 cup, oil for cylinder	7.25
2 cans, oil.....	3.00
2 desks.....	34.00
Electric light fixtures, six houses.....	320.88
2 engines, fire.....	8,700.00

1 expander for tubes.....	\$5.00
2 extinguishers, Babcock.....	80.00
4 funnels.....	.47
1 fork, hay.....	.35
4 flags, U. S.....	35.25
3 pair forceps.....	3.75
24 floats and teeth files.....	8.80
1 glue pot.....	.60
1 gauge, wire.....	3.50
1 gauge, steam.....	5.00
1 gate, molasses.....	.95
1 heater, connection.....	43.00
1 heater.....	70.00
4 hammers, machine.....	3.20
23 horses.....	4,700.00
3 heaters, Paragon.....	450.00
1 hammer, sledge.....	.90
63 hats, fireman.....	315.70
20 feet hose, ½ inch, steam.....	2.40
420 feet hose, ½ inch.....	64.50
1,500 feet hose, 1 inch chemical.....	501.45
7,050 feet hose, 2½ inch rubber.....	6,579.00
2,000 feet hose, 2½ inch cotton.....	1,279.75
240 feet hose, 3½ inch.....	351.50
44 feet hose, 4½ inch.....	158.40
6 holders, shades.....	.80
50 keys, fire alarm boxes.....	12.50
4 knives, draw.....	5.50
1 ladder, 65 feet.....	192.50
1 ladder, 30 feet.....	37.50
7 lanterns.....	10.08
2 lamps.....	4.45
2 measures, one gallon.....	.50
58 mattresses, wool.....	88.88
23 microphones.....	60.00
6 magnets.....	15.00
2 mats.....	5.75
3 nozzles and holders, Eastman.....	94.50
1 nozzles, distributing.....	140.00
2 nozzles and holders, deluge.....	80.00
11 nozzles, shut off.....	235.00
55 oilers.....	9.40
2 oil stone.....	1.50
1 planer and bit.....	.75
1 pitchers, acid.....	1.35
10 pillows, feather.....	10.40
2 pair protectors, horse.....	13.60
2 pans, dust.....	.35
2 pair plyers.....	2.90
1 punch, harness.....	1.50
4 runners.....	2.45
1 dozen reducers, Wright's.....	26.00
3 pounds rope, ½ inch.....	.36
12½ pounds rope, 7-16 inch.....	1.75
1 robe, lap.....	7.50
3 screw drivers.....	1.50
1 switch board.....	65.00
7 pair springs, Mogul.....	43.72
12 pair springs, bed.....	30.96
1 stove.....	11.00
1 saw, buck.....	.65
1 sprinkler.....	1.70
2 shovels, scoop.....	2.40
1 pair stirrups.....	1.25
12 surcingle.....	5.60
1 set stamp and figures.....	5.25
1 scraper.....	3.60
1 saw set.....	.75
1 table.....	1.25
23 telephones, instruments.....	253.00
1 typewriter.....	92.00
1 tower, water.....	4,500.00
1 tape, linen, 100 feet.....	4.00
20 feet ½ inch tubing.....	2.40
1 valve, relief.....	75.24
1 tank, oil, 50 gallon.....	5.00
5 wrenches, monkey.....	4.25
2 wagons, exercising.....	110.00
2 whips.....	3.50
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\$31,905.12	

EXHIBIT C.
Number of Alarms Attended by Each Apparatus.

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Steamer No.	1	26	16	12	11	18	11	15	10	15	15	22	15	186
	2													
	3	23	17	14	15	19	16	21	10	16	15	18	9	193
	4	12	8	8	9	24	9	10	8	19	11	13	9	140
	5	11	8	7	10	18	5	13	9	17	16	17	11	142
	6	14	12	12	7	18	11	18	13	13	14	20	10	162
	7	8	5	6	5	15	4	12	9	12	10	9	10	105
	8	6	5	5	6	8	7	9	7	9	6	5	2	72
	9	4	5	4	5	11	4	9	5	6	6	7	3	69
	10	14	11	8	9	14	11	15	9	14	13	14	10	142
	11	4	11	7	7	18	6	12	7	11	9	16	5	113
	12		9	4	7	10	5	13	4	11	8	9	4	80
	13													
	14	5	4	5	3	12	7	7	5	11	4	7	6	76
	15													
	16	3	3	2	1	7	2	3	5	5	4	4	1	40
	17						1	4	2	6	2	3	1	19
Hose No.	1	26	16	12	11	18	11	15	10	15	14	22	15	185
	2	2	11	5	9	17	5	9	3	9	9	12	5	96
	3	25	18	16	15	24	17	21	12	19	14	17	12	210
	4	13	8	9	8	23	8	10	10	19	12	15	9	144
	5	14	12	8	10	18	6	14	11	18	16	18	13	158
	6	15	11	12	9	18	11	19	12	13	12	20	10	162
	7	9	6	6	5	17	4	12	9	12	10	9	10	109
	8	6	8	4	6	8	7	10	7	11	7	5	2	81
	9	4	8	4	6	12	5	9	5	8	5	8	3	77
	10	15	12	9	9	16	11	15	11	14	13	14	9	148
	11	5	12	8	8	17	6	13	7	11	9	17	3	116
	12	1	10	4	9	10	3	11	3	11	7	8	4	81
	13	9	3	4	8	13	5	13	9	10	7	7	9	97
	14	4	4	5	4	12	4	7	5	11	4	7	6	73
	15	2	8	3	4	6	1	5	1	6	3	3		42
	16	3	3	1	2	8	2	3	5	5	4	3	2	41
	17	7	3	2	5	10	2	4	2	6	2	3	1	47
H & L No.	1	20	15	15	13	20	14	23	13	13	13	18	9	186
	2	17	16	12	15	16	6	14	5	10	7	13	2	153
	3	12	9	4	8	23	10	19	14	18	17	20	16	180
	4	7	5	10	6	19	9	8	9	10	8	11	9	111
	5	7	8	6	9	8	6	12	8	9	5	5	4	87
Chem'l No.	1	26	17	16	17	31	16	32	18	23	18	26	12	252
	2	5	8	4	6	6	6	9	6	7	6	5	4	73
	3	2	10	5	1	8	6	10	7	5	8	14	6	82
	4	6	5	5	3	13	5	7	5	10	6	7	6	78
	5	7	6	4	4	13	3	12	8	9	10	5	9	90
	6	1	3	1	2	4	1	1		7	1	2	5	28
	7	4	8		3	8	2	3	3	7	2	4	2	46
Supply No.	1	25	17	19	17	25	14	26	17	14	17	23	18	232
Water Tower							8	7	6	8	8	9	4	60
F'l W'g'n No.	1		2	2	1	2		2			1	1		11
	2					1								1
	3					1		3	1	1		1		7

Number of Blocks Run by Each Apparatus.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Ste'm'r No.1	217	126	87	119	261	96	133	76	110	148	176	171	1,720
2	98	90	85	105	180	102	116	48	156	140	101	69	1,290
3	143	103	93	146	259	120	69	94	292	140	168	66	1,693
4	86	82	111	174	334	25	154	84	191	171	164	90	1,669
5	146	130	114	64	275	103	202	172	189	224	199	108	1,936
6	116	79	110	99	224	37	144	113	147	111	153	126	1,239
7	76	86	26	85	218	153	151	133	181	85	88	14	1,206
8	49	60	46	34	185	29	96	48	101	100	120	41	909
9	154	122	81	37	200	140	226	104	253	235	187	113	1,932
10	21	92	75	74	217	74	134	86	136	113	206	79	1,307
11	113	74	86	168	76	201	44	192	140	148	62	1,304	
12	57	44	72	29	166	133	119	55	237	31	108	48	1,099
13	40	32	34	9	155	27	46	105	62	51	51	13	655
14	227	135	87	119	265	96	150	76	110	139	176	171	1,751
15	37	193	82	132	184	76	118	50	125	117	140	50	1,304
16	195	149	128	141	275	137	204	82	208	163	136	119	1,937
17	158	103	105	133	251	113	180	150	204	152	193	68	1,900
18	140	129	129	175	316	39	172	122	201	171	181	122	1,897
19	178	121	114	102	208	103	214	141	189	168	199	108	1,935
20	128	82	123	99	289	37	144	113	174	111	153	126	1,559
21	72	168	61	139	218	153	174	133	285	117	88	14	1,622
22	49	120	46	41	185	39	96	48	168	79	120	41	1,032
23	165	165	119	164	276	140	226	195	233	235	187	99	2,204
24	44	110	90	87	195	75	136	87	136	112	214	32	1,318
25	17	124	76	106	169	42	170	30	192	122	152	62	1,262
26	154	59	72	184	337	136	188	134	197	71	122	145	1,799
27	39	88	72	62	162	65	119	55	237	31	108	48	1,076
28	19	115	43	32	184	6	99	21	106	51	83	.....	779
29	33	32	10	27	169	27	46	103	92	51	51	28	662
30	85	69	48	108	305	38	67	54	161	77	93	16	1,121
31	130	103	130	116	213	92	227	103	121	165	149	101	1,650
32	180	182	157	185	191	75	176	67	127	83	147	25	1,595
33	109	97	33	114	303	112	222	164	181	166	221	197	2,009
34	77	96	143	107	190	116	147	129	149	95	134	56	1,439
35	100	158	158	200	220	101	233	162	160	58	93	71	1,723
36	151	88	113	110	227	109	313	178	254	198	224	120	2,085
37	55	156	68	88	187	101	131	106	123	83	88	48	1,234
38	7	94	62	8	106	75	125	106	61	99	174	84	1,001
39	80	83	69	30	204	66	116	50	178	46	119	63	1,104
40	104	124	69	80	269	46	176	95	207	123	90	126	1,518
41	1	60	7	25	107	6	6	.....	112	12	40	125	501
42	40	8	.....	73	200	38	53	76	241	77	96	18	912
43	196	150	182	170	262	104	284	190	169	218	222	206	2,443
44	.....	.....	.....	.....	.....	95	88	83	105	127	123	52	673
45	29	72	30	103	.....	.....	65	.....	.....	23	19	.....	341
46	.....	.....	.....	29	.....	.....	.....	.....	.....	.....	.....	.....	29
47	.....	.....	.....	41	.....	.....	55	55	42	.....	42	.....	235
Monthly Totals.	4,173	4,349	3,576	4,276	9,853	3,592	6,778	4,376	7,764	5,316	6,299	3,662	64,014

Number of Feet Hose Used.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Hose No. 1	6,050	5,500	2,500	3,250	6,250	2,200	4,250	2,500	3,250	3,050	5,350	2,000	46,150
2	300	2,800	1,750	1,050	7,150	2,250	1,350	300	3,450	2,050	4,050	400	28,400
3	4,050	4,050	3,350	2,300	7,700	1,050	2,950	1,650	6,000	3,350	4,400	2,350	43,200
4	2,250	2,700	2,950	2,200	7,050	2,050	2,200	3,100	4,600	4,100	5,200	1,300	40,600
5	3,000	4,000	1,250	2,150	7,300	2,050	5,000	3,150	4,200	4,950	5,100	2,300	44,450
6	2,950	3,750	3,950	750	8,550	1,350	4,600	3,350	3,100	3,050	3,350	1,750	40,500
7	1,400	1,450	.....	950	2,600	1,150	3,150	1,700	2,900	3,650	2,450	1,850	23,350
8	2,400	1,800	800	1,750	4,350	1,950	1,100	2,500	2,700	2,375	1,700	.....	23,425
9	850	3,000	1,200	2,800	6,550	1,450	3,950	1,190	4,150	1,850	4,200	.....	30,400
10	1,650	2,950	2,350	3,050	5,250	800	4,150	3,550	3,600	3,550	3,050	1,650	35,600
11	500	2,750	3,000	3,350	5,750	1,250	4,900	1,100	2,100	2,250	4,300	.....	31,250
12	.....	3,400	1,950	3,950	6,550	.....	5,150	300	5,400	1,700	4,100	.....	32,500
13	2,400	1,100	.....	2,550	3,650	550	3,450	3,650	2,950	2,350	2,150	2,800	27,600
14	1,200	850	1,850	850	4,800	2,700	1,800	2,350	2,500	2,100	3,050	750	24,800
15	.....	2,600	800	1,850	3,650	.....	850	.....	2,800	900	750	.....	14,200
16	150	1,600	.....	800	3,100	.....	1,850	2,000	2,200	2,100	850	.....	14,650
17	1,450	1,300	550	1,100	2,050	.....	350	1,100	.....	600	850	.....	9,350
Monthly Total...	30,200	53,600	28,250	34,100	86,800	21,700	51,050	33,400	55,900	43,975	55,800	17,150	511,925

Chemicals, Ladders and Rubber Covers.

MONTH.	Large Chemicals.							Small Chem'ls					Gallons Chemicals	Ladders Raised.					Total feet Ladders.	Covers, Supply Wagon No. 1.
	Chemical No. 1.	Chemical No. 2.	Chemical No. 3.	Chemical No. 4.	Chemical No. 5.	Chemical No. 6.	Chemical No. 7.	Hook & Ladder No. 1.	Hook & Ladder No. 2.	Hook & Ladder No. 3.	Hook & Ladder No. 4.	Hook & Ladder No. 5.		Hook & Ladder No. 1.	Hook & Ladder No. 2.	Hook & Ladder No. 3.	Hook & Ladder No. 4.	Hook & Ladder No. 5.		
January..	18	1	2	4	4	.....	4	11	5	6	1	4	1,940	463	102	113	48	121	846	..
February..	17	5	4	4	5	.....	1	14	13	23	6	9	3,063	640	443	132	121	229	1,585	13
March ...	8	.....	.....	.....	.....	.....	.....	7	4	6	9	5	972	359	142	32	199	110	842	9
April	19	12	12	12	5	.....	4	11	6	5	1	4	2,064	397	246	231	94	225	1,003	14
May	17	.....	6	.....	.....	.....	6	12	5	7	12	12	3,535	78	197	356	164	345	1,140	8
June	3	.....	.....	.....	.....	.....	.....	8	1	5	4	.....	706	120	65	270	71	.....	526	2
July	13	.....	.....	.....	.....	.....	.....	9	12	13	1	4	2,018	208	312	355	117	394	1,386	6
August....	8	5	2	2	3	.....	1	5	.....	7	5	12	1,474	140	.....	110	160	360	770	4
Sept'ber.	6	2	2	2	6	.....	4	6	4	11	3	3	2,702	155	515	320	150	815	1,955	..
October...	7	4	4	4	.....	.....	.....	5	.....	8	3	3	1,287	470	15	240	330	195	1,250	..
November	18	2	2	4	.....	.....	.....	15	1	19	5	5	2,478	580	275	420	360	75	1,710	..
December	8	1	.....	.....	.....	.....	.....	3	.....	20	3	.....	1,280	120	.....	210	55	65	450	..
Totals..	132	28	39	53	52	10	24	106	41	129	53	50	23,588	3,729	2,312	2,789	1,809	2,934	13,463	56

Number of Hours' Service by Each Apparatus.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Steamer No. 1	22:00	31:15	11:25	9:30	36:00	8:25	13:10	7:35	25:10	19:15	25:30	10:15	219:30
Steamer No. 2	1:00	20:30	9:40	12:40	25:50	8:55	19:30	9:55	18:40	19:05	278:10	8:55	298:10
Steamer No. 3	7:45	21:15	6:30	8:45	28:30	9:45	8:30	11:00	19:10	14:35	139:35	9:30	285:40
Steamer No. 4	9:55	22:45	5:15	8:00	24:00	5:00	8:00	5:15	18:00	11:45	152:35	5:40	133:15
Steamer No. 5	5:55	24:10	4:40	3:30	23:45	5:10	12:05	8:05	13:05	13:45	18:25	4:15	142:45
Steamer No. 6	3:10	13:00	4:15	5:15	19:25	7:25	9:35	6:05	12:55	18:00	15:55	5:45	115:25
Steamer No. 7	9:00	16:20	9:10	6:45	13:25	7:00	8:35	8:15	15:05	18:10	12:10	1:15	114:25
Steamer No. 8	2:20	8:30	2:30	10:20	20:10	3:10	6:35	3:10	22:10	6:10	21:00	1:15	118:30
Steamer No. 9	7:45	20:20	5:10	8:25	27:10	5:45	13:30	11:15	13:00	13:55	23:55	5:40	158:15
Steamer No. 10	1:25	17:30	4:45	9:10	24:05	3:15	9:35	4:15	12:40	9:55	23:50	2:15	102:40
Steamer No. 11	1:45	27:30	1:25	12:05	33:45	3:00	13:15	1:50	19:15	14:00	20:05	2:00	150:45
Steamer No. 12	2:20	3:15	4:30	1:30	36:25	40:30	5:30	4:25	17:10	19:00	17:45	2:35	150:15
Steamer No. 13	1:00	12:40	1:25	3:10	18:50	1:35	5:25	7:40	10:55	15:30	9:10	98:35	185:15
Steamer No. 14	23:15	23:45	13:30	13:25	39:30	8:40	14:10	7:10	14:20	14:40	25:30	7:05	321:40
Hose No. 1	1:45	13:05	5:45	10:40	42:25	5:15	8:00	1:30	25:10	18:45	25:30	10:15	234:15
Hose No. 2	13:30	30:10	10:45	13:10	35:55	6:20	12:00	12:25	15:45	17:30	30:10	2:10	163:05
Hose No. 3	9:00	22:00	7:45	6:30	32:45	7:15	9:00	10:30	21:15	27:45	30:50	6:25	206:20
Hose No. 4	9:25	21:30	6:45	10:30	28:30	5:45	11:15	7:45	18:25	14:00	21:35	3:00	193:35
Hose No. 5	10:25	24:40	8:40	4:45	25:30	5:10	12:00	8:05	13:35	15:15	18:20	4:45	162:00
Hose No. 6	5:55	15:20	4:15	5:10	22:25	3:25	9:35	6:20	17:35	8:00	15:55	7:50	121:45
Hose No. 7	6:15	12:35	3:40	6:30	17:25	6:45	7:50	10:00	15:05	17:30	11:50	4:45	116:10
Hose No. 8	3:20	19:15	2:30	3:30	46:30	3:35	6:35	3:10	22:40	15:20	21:35	1:15	146:40
Hose No. 9	8:15	24:35	6:55	9:25	31:35	5:35	14:10	17:55	13:50	15:20	28:40	5:15	181:60
Hose No. 10	2:05	24:50	5:30	12:20	38:15	3:35	10:40	4:15	12:40	14:50	24:10	1:05	154:15
Hose No. 11	8:45	26:45	7:25	21:35	33:45	5:00	11:15	7:40	22:15	20:10	23:20	2:00	172:55
Hose No. 12	4:55	15:30	3:00	9:30	22:00	6:00	10:55	7:40	22:15	5:00	9:50	7:25	120:40
Hose No. 13	4:15	3:15	5:10	2:30	31:55	5:00	6:30	7:10	17:10	5:00	22:05	2:35	120:05
Hose No. 14	22:30	2:30	2:15	9:05	17:15	3:30	6:40	3:30	20:55	13:30	12:35	1:05	105:25
Hose No. 15	1:30	15:40	1:55	3:45	26:50	1:55	5:25	7:40	10:55	22:35	8:45	1:05	85:41
Hose No. 16	5:45	5:20	2:55	5:50	11:55	1:10	2:40	2:15	9:20	4:40	7:30	3:35	53:55
Hook and Ladder No. 1	17:00	31:20	12:30	13:20	25:15	7:40	17:05	14:50	13:55	11:15	26:50	4:10	190:00
Hook and Ladder No. 2	13:30	31:00	10:10	22:00	23:00	4:30	10:05	2:50	14:15	2:55	20:50	5:50	155:55
Hook and Ladder No. 3	9:30	21:45	1:40	6:50	26:20	9:40	10:00	10:15	27:00	9:25	21:55	12:05	172:55
Hook and Ladder No. 4	3:45	10:15	11:15	5:00	31:00	7:00	8:30	15:15	15:40	27:00	31:50	3:00	169:30

Number of Hours' Service by Each Apparatus.—Continued.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Hook and Ladder No. 5.....	6:30	14:35	6:15	8:50	13:00	4:05	10:35	10:55	10:45	5:50	8:10	2:35	104 10
Chemical No. 1.....	20:55	21:30	13:05	12:10	27:45	9:05	25:20	14:10	14:50	12:55	28:30	10:45	296:00
Chemical No. 2.....	6:15	23:45	3:00	5:30	12:30	3:20	6:45	9:15	7:55	7:50	9:25	1:25	98:55
Chemical No. 3.....	3:50	12:30	4:35	8:00	13:15	3:45	11:40	4:45	6:20	6:05	15:25	5:40	98:50
Chemical No. 4.....	4:20	6:55	4:25	2:35	12:20	3:10	6:20	3:00	10:50	6:40	9:40	2:45	73:00
Chemical No. 5.....	5:05	8:15	2:45	5:00	16:00	2:25	9:35	4:30	12:50	6:45	8:20	7:00	88:30
Chemical No. 6.....	3:10	17:05	1:15	3:55	5:55	1:00	1:00	3:00	9:15	4:45	5:50	4:00	40:10
Chemical No. 7.....	3:55	17:55	5:05	5:05	13:00	1:10	2:15	3:00	15:10	3:10	3:30	1:05	52:15
Chemical No. 8.....	21:00	33:55	14:55	16:10	31:25	8:30	19:15	19:35	15:40	13:50	22:45	8:55	235:55
Supply No. 1.....	.....	.....	.....	.....	.....	7:40	5:20	7:20	7:15	5:25	8:45	1:45	43:30
Water tower.....	.....	16:30	2:30	2:00	2:15	.....	3:20	1:15	.....	.....	2:30	.....	30:20
Fuel wagon No. 1.....	.....	.....	.....	.....	2:15	.....	.....	.....	.....	.....	.....	.....	2:15
Fuel wagon No. 2.....	.....	.....	.....	.....	22:00	.....	.....	.....	.....	.....	.....	.....	60:50
Fuel wagon No. 3.....	.....	.....	.....	.....	.....	.....	2:45	4:55	1:25	.....	9:45	.....	.....
Monthly total.....	520:35	822:55	261:25	368:45	1,134:20	257:00	441:00	339:25	718:50	566:20	1,223:20	369:55	6,824:00

Monthly Summary of Fire Service Performed.

MONTHS.	Number of alarms.	Blocks run.	Hours worked.	Feet of ladders.	Hose laid.	CHEMICALS.			Covers spread
						Large.	Small.	Gallons.	
January.....	57	4,173	320.35	846	30,200	31	27	1,949	...
February...	54	4,349	822.55	1,585	53,600	41	64	3,093	13
March.....	45	3,576	291.25	842	28,250	15	31	972	9
April.....	45	4,276	368.45	1,003	34,100	28	27	2,064	14
May.....	95	9,853	1,134.20	1,140	86,800	48	48	3,535	8
June.....	47	3,592	257.00	526	21,700	10	18	706	2
July.....	67	6,778	441.00	1,386	51,050	30	29	2,048	6
August.....	48	4,376	339.25	770	33,400	22	19	1,474	4
September...	71	7,764	718.50	1,955	55,900	41	27	2,702	...
October.....	50	5,316	566.20	1,250	43,975	19	18	1,287	...
November.....	60	6,299	1,223.30	1,710	55,800	35	45	2,478	...
December.....	43	3,662	684.00	450	17,150	18	26	1,280	...
Totals.....	682	64,014	6,824.00	13,463	511,925	338	379	23,588	56

EXHIBIT D.

Causes of Fires and Alarms.

Accidental.....	2	Overheated fireplace.....	1
Ashes in wood box.....	1	Overheated furnace.....	1
Boiler ruptured.....	1	Overheated boiler.....	1
Boys smoking.....	1	Overheated incubator.....	1
Brush, prairie and bog fires.....	12	Overheated oven.....	1
Carelessness.....	42	Overheated smokehouse.....	2
Chimney fires.....	40	Overheated stove.....	3
Children with matches.....	28	Overheated stovepipe.....	1
Cigar in wood box.....	1	Peat fire.....	1
Cigar stub.....	4	Quilt on stove.....	4
Cigarette stub.....	1	Rags on fire.....	4
Clothes too near stove.....	1	Rats with matches.....	9
Defective chimney.....	10	Railroad wreck.....	1
Defective fireplace.....	5	Red hot box.....	8
Defective flue.....	4	Red hot stove.....	35
Defective safe.....	3	Rekindled.....	8
Defective stovepipe.....	7	Rubbish.....	1
Defective smokestack.....	1	Sewer caving in.....	4
Electric light wires.....	9	Shavings in boiler room.....	1
Electric motor.....	2	Smoking out insects.....	1
Explosion, gas.....	5	Smoke mistaken for fire.....	13
Explosion, gasoline.....	8	Steam mistaken for smoke.....	5
Explosion, lamp.....	24	Sparks from another fire.....	13
False alarms.....	35	Sparks from chimney.....	13
Fireworks.....	15	Sparks from forge.....	4
Foul chimney.....	2	Sparks from furnace.....	6
Gasoline stove.....	27	Sparks from locomotive.....	13
Grease on stove.....	1	Sparks from smokestack.....	23
Hot ashes.....	7	Sparks from stove.....	9
Incendiary.....	28	Sparks from steamer.....	1
Lamp upset.....	16	Soldering kettle.....	1
Lantern upset.....	4	Stove upset.....	2
Lightning.....	5	Spontaneous combustion.....	20
Lime slacking.....	1	Supposed incendiary.....	19
Manure.....	5	Tar kettle.....	1
Match dropped in kerosene.....	1	Test alarms.....	2
Oil boiling over.....	1	Tramps.....	4
Oil stove.....	3	Thawing water pipe.....	1
Outside city limits.....	4	Too much wheat.....	1
Overheated bearing.....	1	Unknown.....	87
Overheated dry kiln.....	1	Wood box too near fire.....	3
Overheated dry room.....	1		

Buildings, how Occupied, etc.

Bakeries	5	Junk shop	1
Barns	44	Lumber yards	9
Barrel factory	1	Machine shops	1
Bicycle repair shop	1	Manure piles	5
Blacksmith shops	5	Meat markets	2
Bleach house	1	Millinery stores	1
Boarding houses	20	Offices	12
Boiler rooms	2	Office and dwelling	2
Boiler shop	1	Oil car	1
Boot and shoe factory	1	Oil houses	5
Boot and shoe stores	2	Opera house	1
Breweries	1	Outhouses	6
Bridges	2	Photograph galleries	1
Brush fires	11	Piano factories	1
Butcher shop	1	Paint factories	2
Carpenter shop	1	Paper mills	1
Churches	4	Pavilions	1
Cigar factories	1	Piers	1
Cigar stores	1	Planing mills	1
City hall	1	Platforms	1
Clothing stores	1	Power houses	2
Coal docks	3	Printing offices	2
Commission houses	1	Public halls	1
Confectionery stores	6	Restaurants	12
Cook house	1	Rubbish	4
Cooper shops	2	Round houses	1
Depots	2	Saloons	6
Drug stores	3	Sash and door mills	4
Dry goods stores	6	Saw dust piles	1
Dwellings	204	Saw mills	4
Dwelling and restaurant	1	Second hand stores	1
Dye works	2	Seminaries	1
Elevators	2	Shaving houses	3
Elevator and feed store	2	Sheds	17
Factories	2	Shoemaker shops	1
Factory and dwelling	1	Show case factories	2
Feed mills	3	Smoke houses	3
Feed stores	1	Storage	7
Flour mills	4	Stores	12
Furniture factories	5	Stores and offices	16
Gents' furnishing stores	3	Store and tenements	21
Glass store	1	Street cars	4
Grocery stores	4	Tannerries	1
Ham and egg stand	1	Tailor shops	5
Hardware store	1	Tenements	13
Hay stacks	1	Undertaker shops	1
Hotels	7	Upholstery shops	2
Iron foundries	2	Wood piles	3
Jewelry stores	3	Wood yards	8

Comparative Loss on Buildings, Etc.

	Number loss.	Slight.	Considerable.	Total loss.	Totals.
One story brick	7	2			9
One and one-half story brick.....	1	1			2
Two story brick	18	10	1		29
Two and one-half story	2				2
Three story brick.....	34	16	8		58
Four story brick.....	6	4	3	1	14
Five story brick.....	5	4	2	1	12
Six story brick.....	2	1			3
Seven story brick.....	1		1		2
Ten story brick.....	1				1
Twelve story brick.....	1				2
One story frame.....	44	21	2	7	74
One and one-half story frame.....	32	15	6	6	59
Two story frame.....	127	63	21	1	212
Two and one-half story frame.....	7	12	4		23
Three story frame.....	9	5	1		15
Four story frame.....	1		1		2
Six story frame.....				1	1
Two story stone.....	2		1		3
Three story stone.....	4		2		6
Four story stone.....	2	1	1		4
Five story stone.....	4	1			5
Six story stone.....	4				4
Seven story stone.....	1				1
Twelve story stone.....	2	1			3
One story veneer.....	1				1
One and one-half story veneer.....	1				1
Two story veneer.....	1	3			4
Two and one-half story veneer.....	1	1	1		3
Three story veneer.....	5	1			6
Bridges.....	2				2
Brush fires, etc.....	12				12
Chimney fires.....	13				13
False alarms.....	24				24
Ham and egg stand.....	1				1
Hay stacks.....	1			1	2
Lumber yards.....	4	5	1		10
Manure piles.....	5				5
Outside city limits.....			4		4
Piers.....	1				1
Platforms.....	1				1
Railroad wrecks.....	1				1
Rekindled.....	17				17
Rubbish.....	6				6
Sewer cave-in.....	1				1
Street cars.....	6				6
Tank of crude oil.....	1			1	2
Test alarms.....	1				1
Wood yards.....	6		1		7
Total.....					682

Company Hitching.

COMPANY.	Time to hitch apparatus by company.	Time to hitch apparatus, men and horses on floor.	Time to hitch apparatus, men in bed.	Distance from stall traveled by horses.	Remarks.
Engine Co. No. 1.....	11 seconds..	7½ seconds.	16 seconds..	52 feet...	3 horses.
Engine Co. No. 3.....	16 seconds..	7½ seconds.	No time.....	37 feet...	3 horses.
Engine Co. No. 4.....	15½ seconds.	8 seconds..	20 seconds..	38 feet...	4 horses.
Engine Co. No. 5.....	14 seconds..	2 seconds..	15½ seconds.	39 feet...	4 horses.
Engine Co. No. 6.....	10 seconds..	5 seconds..	13 seconds..	46 feet...	4 horses.
Engine Co. No. 7.....	11 seconds..	5½ seconds.	15 seconds..	47 feet...	4 horses.
Engine Co. No. 8.....	10 seconds..	4 seconds..	12 seconds..	37 feet...	4 horses.
Engine Co. No. 9.....	15 seconds..	6¾ seconds.	14½ seconds.	45 feet...	4 horses.
Engine Co. No. 10.....	10 seconds..	5 seconds..	15 seconds..	40 feet...	4 horses.
Engine Co. No. 11.....	13 seconds..	8 seconds..	15 seconds..	39 feet...	4 horses.
Engine Co. No. 12.....	17 seconds..	8 seconds..	25 seconds..	38 feet...	3 horses.
Engine Co. No. 14.....	15 seconds..	6 seconds..	15½ seconds.	42 feet...	3 horses.
Hose Co. No. 1.....	6 seconds..	2 seconds..	12 seconds..	57 feet...	2 horses.
Hose Co. No. 2.....	17½ seconds.	5½ seconds.	11 seconds..	42 feet...	2 horses.
Hose Co. No. 3.....	10 seconds..	2½ seconds.	10 seconds..	27 feet...	2 horses.
Hose Co. No. 4.....	8 seconds..	3 seconds..	11 seconds..	64 feet...	2 horses.
Hose Co. No. 5.....	9 seconds..	2½ seconds.	9 seconds..	52 feet...	2 horses.
Hose Co. No. 6.....	13 seconds..	3 seconds..	No time.....	51 feet...	2 horses.
Hose Co. No. 7.....	10 seconds..	4½ seconds.	11 seconds..	48 feet...	2 horses.
Hose Co. No. 8.....	11 seconds..	5 seconds..	10 seconds..	63 feet...	2 horses.
Hose Co. No. 9.....	10 seconds..	5 seconds..	14½ seconds.	58 feet...	2 horses.
Hose Co. No. 10.....	9 seconds..	2 seconds..	10 seconds..	50 feet...	2 horses.
Hose Co. No. 11.....	13 seconds..	4 seconds..	14 seconds..	36 feet...	2 horses.
Hose Co. No. 12.....	22 seconds..	5 seconds..	15 seconds..	31 feet...	2 horses.
Hose Co. No. 13.....	10 seconds..	3 seconds..	10 seconds..	32 feet...	2 horses.
Hose Co. No. 14.....	9 seconds..	4 seconds..	15½ seconds.	33 feet...	2 horses.
Hose Co. No. 17.....	7 seconds..	4 seconds..	No time.....	28 feet...	2 horses.
Hook and Ladder No. 1	18 seconds..	2½ seconds.	20 seconds..	55 feet...	4 horses.
Hook and Ladder No. 2	8 seconds..	3 seconds..	10 seconds..	52 feet...	2 horses.
Hook and Ladder No. 3	10 seconds..	2¾ seconds.	10 seconds..	52 feet...	4 horses.
Hook and Ladder No. 4	11 seconds..	3 seconds..	11 seconds..	57 feet...	2 horses.
Hook and Ladder No. 5	8 seconds..	2½ seconds.	9 seconds..	60 feet...	2 horses.
Supply No. 1.....	10 seconds..	2½ seconds.	11 seconds..	52 feet...	2 horses.
Chemical No. 1.....	14 seconds..	2¾ seconds.	No time.....	66 feet...	2 horses.
Chemical No. 2.....	8 seconds..	3 seconds..	11 seconds..	48 feet...	2 horses.
Chemical No. 3.....	10 seconds..	5 seconds..	12 seconds..	33 feet...	2 horses.
Chemical No. 4.....	8 seconds..	4 seconds..	9 seconds..	29 feet...	2 horses.
Chemical No. 5.....	No time.....	2¾ seconds.	11 seconds..	32 feet...	2 horses.

JANUARY, 1901.

Day.	Time of day.	Location.	Class of building.	Owner.	Occupant.	Use.	Cause.	Total loss.	Total insurance.
1	7:15 a m	426 Nicollet av.	3 story brick.	H. H. Smith.	Hach & Griffin.	Sporting goods.	Chimney burn'g out.		
1	8:00 p m	3142 Nicollet av.	1 story frame.	H. H. Smith.	Mr. Louleman.	Saloon.	Boys with matches.		
3	3:16 p m	2310 Central av NE.	1 story frame.	N. W. Globe Light Co.	N. W. Globe Light Co.	Store.	Gasoline explosion.	\$25.00	
5	5:50 p m	Delweg & Pleasant st SE.	1 story frame.	Whitten, Burdeth & Young.	Numerous.	Stores & offices.	Unknown.	627.50	156,250.00
5	4:51 a m	Hennepin av & 3d st.	5 story stone.				Chimney fire.		
5	7:55 a m	912 4th av N.	2 story frame.	Mrs. L. D. Smith.	Mrs. S. S. Ellis.	Dwelling.	Defective fire.		
5	9:45 a m	3150 Pleasant av.	2 story frame.				Stove upset.		
5	4:06 p m	879 6th av S.	2 story frame.	H. E. Ladd.		Dwelling.	Red hot stove.		
5	8:40 p m	53 S 10th st.	2 story frame.	H. E. Ladd.		Dwelling.	Rekindled.	36.70	1,500.00
5	9:48 p m	53 S 11th st.	2 story frame.	Mrs. Kinney.		Dwelling.	Quit on stove.		
6	5:25 a m	217 5th av SE.	2 story frame.	Mrs. Kinney.		Dwelling.	Smoky stove.		
7	1:43 p m	245 5th av S.	2 story frame.	Mrs. Kinney.		Dwelling.	Chimney fire.		
7	6:55 a m	17 N 2d st.	3 story veneer.	Mrs. Flaherty.		Hotel.	Salamanca—false.		
8	7:30 a m	Cor. Park av & 18th st.	2 story brick.	C. E. Vanderburg.	Page & Co.	Store.	Ashes in wooden box.	100.00	6,000.00
10	1:35 a m	403 6th av S.	2 story frame.	C. L. Vinnall.	Jans Johnson.	Tenement.	Defective safe.	125.00	2,500.00
11	10:00 a m	710 University av S.	2 story frame.				Chimney fire.		
12	7:06 p m	Emerson & 12th av N.	2 story frame.				Def. stove pipe.	2,758.00	6,500.00
13	5:50 p m	1203 4th st S.	3 story brick.				Red hot stove.	35.00	
14	5:06 a m	34 Washington av S.	2 story frame.	Best & Co.	B. B. Hart & Son.	Stores & offices.	Lamp explosion.		
14	12:43 p m	G. N. Ry & 4th st N.	2 story frame.	Geo. McGregor.	Geo. McGregor.	Dwelling.	Sp rks from chimney.		
15	7:40 p m	320 9th av S.	2 story frame.	G. T. Wagner.	Regan Bros.	Store house.	Hot ashes.		
15	8:48 a m	Near 32 S 4th st.	2 story frame.		Gus Mliander.	Dwelling.	Careless, no flue stop.		
16	10:00 a m	2317 15th av S.	2 story frame.	G. N. Berry.	C. P. Murphy.	Dwelling.	Chimney fire.		
16	1:38 p m	906 Crystal Lake av.	2 story frame.				Sm'ke mistkn for fire.	25.00	
16	8:35 p m	223 4th st S.	1 story frame.	D. Zimmermann.	Unoccupied.	Barn.	Incendary.	60.00	
16	9:35 p m	1515 4th st S.	1 story frame.	C. C. Brand.		Barn.	Hot ashes.	235.00	1,300.00
17	3:34 a m	3113 Motor av.	1 story frame.	M. H. Kelly.	Jay Smith.	Barn.	Boys with matches.	100.00	
18	7:30 p m	4616 Chicago av.	1 story frame.	Mr. O'Brien.	Geo. Gillington.	Barn.	Supposed incendiary.	25.00	75.00
19	2:35 p m	500 E 25th st.	2 story frame.	W. A. Barnes, Agt.	Mrs. Kelly.	Dwelling.	Sp rks from chimney.		
20	1:41 a m	1000 3d st S.	2 story frame.	Mrs. Kelly.	Stuart & Thom'son.	Meat market.	Gasoline stove.		
21	11:09 a m	James & 5th av N.	2 story veneer.	C. B. Maben.	Mpls Bk Bk Mfg Co.	Stores & offices.	Spont. combustion.	200.00	62,300.00
21	8:18 p m	319 Plymouth av.	3 story brick.	H. D. Wood.	Jacob Kunze.	Stores & offices.	Carelessness.	105.00	1,750.00
21	10:05 p m	366 Plymouth av.	3 story brick.	Jos. Luckner.	M. Weinstine.	Jewelry store.	Rubbish.	7.00	10,000.00
22	5:38 p m	27 Washington av S.	3 story brick.	Winecke & Doerr.	Geo. Wood.	Hotel.	Carelessness.	604.80	17,800.00
22	8:26 p m	244-246 Hennepin av.	3 story brick.	Peter Woolford.	Electric light wire.	Public hall.	Spont. combustion.	1,319.30	8,200.00
23	6:40 p m	Lake st & Stevens av.	2 story frame.	8th Ward Relief Assn.	Masonic Bodies.	Drug & jewelry.	False mercurial.		
24	3:05 a m	605 Washington av S.	4 story frame.	C. M. Loring.	William Johnson.	Outhouse.	Incendary.	15.00	
24	10:35 a m	30-36 S 2d st.	1 story frame.	E. G. Walton, Agt.	Unoccupied.	Outhouse.	False salamander.		
25	9:19 p m	2330 Park place.	1 story frame.						
25	6:20 a m	— University av SE.	1 story frame.						

JANUARY 1891.—Continued.

Day	Time of day.	Location.	Class of building.	Owner.	Occupant.	Use.	Cause.	Total loss.	Total insurance.
26	7:40 p m	Bank st & R. R. SE.	2 story frame.	Century Piano Co.	Century Piano Co.	Petroleum tank	Carelessness, lantern	\$10.00	
26	9:55 p m	524 3d st N.	2 story frame.	I. B. Bornholdt	Mrs. Fisher	Boarding house	Lamp explosion.	11,516.82	\$44,500.00
27	7:28 a m	510-524 Wash. av S.	3 story brick.	Niel Farnham, Agt.	J. C. Harper & Co.	Dry goods store	Lamp upset by dog.	1,345.00	29,000.00
27	5:37 p m	23 N 2d st.	4 story brick.	Phelps.	Hooker & Manley	Wholesale store.	Spont. combustion.	5.00	900.00
28	5:50 p m	1628 S 5th st.	2 story frame.	Moore Bros.	C. L. Acker.	Store & dwell'g.	Hot ashes.		
29	5:10 p m	2337 10th av S.	2 story frame.	H. Cluch	H. Cluch	Dwelling.	Accidental.	50.00	
29	7:30 p m	2180 28th av S.	2 story frame.	Cassaday & Co.	Peterson & Johnson	Dwelling.	Unknown.	75.00	200.00
30	1:05 a m	211 2d av S.	2 story frame.	Dr. Elliott.	Jennie O'Neil	Coon dive.	Supposed incendiary	150.00	500.00
30	4:18 a m	607 20th av S.	2 story veneer.	M. F. Collins.	L. M. Bryon	Store & dwell'g.	Incendiary.	175.00	
30	6:10 a m	211 2d st S.	2 story frame.	Dr. Elliott.	Jennie O'Neil	Coon dive.	Incendiary.		15,000.00
30	6:43 a m	418-430 3d av S.	3 story brick.	L. Paule.	L. Paule.	Show case f'c'y.	Unknown fire.		
31	6:25 p m	528 7th av N.	2 story frame.	H. M. Hicks	Unoccupied	Dwell'g	False alarm.		1,000.00
31	7:50 p m	False alarm.	2 story frame.	H. M. Hicks	Unoccupied	Dwell'g	False alarm.		1,000.00
31	8:30 p m	3530 14th av S.	2 story stone.	G. A. Roache.	H. C. Peterson	Grocery	Lamp falling.	1,448.93	11,500.00
31	10:22 p m	116 Hennepin av.	2 story stone.	G. A. Roache.	H. C. Peterson	Grocery	Lamp falling.		

FEBRUARY 1891.

1	3:45 a m	110-112 2d av N.	2 story frame.	P. B. Winston	P. B. Winston	Dwelling.	False mercurial.		
2	12:10 p m	1830 Park av.	2 story frame.	P. B. Winston	P. B. Winston	Dwelling.	Rats with matches.	10.00	10,000.00
3	3:51 p m	111 5th st.	2 story stone.	C. W. Wells	Dunsmore & Co.	Dwelling.	Defective flue.	39.00	200.00
3	3:58 p m	111 13th av S.	1 1/2 story stone.	Angelle Bucha.	Chris Welsh	Dwelling.	Chimney.		
3	4:09 p m	False alarm.	False alarm.				False alarm.		
4	12:33 a m	411 Hennepin av.	2 story frame.	H. E. Fletcher.	M. D. Broderick	Store & Shops.	Defective chimney.		
4	12:33 a m	413 Hennepin av.	2 story frame.	J. T. Lucas.	Kuopke Carr Funk	Store & Shops.	From next above.	2,741.00	
5	9:33 a m	420 9th av S.	2 story frame.	E. S. Corset.	Axel Enberg.	Dwelling.	Sparks from stove.	1,000.00	
5	2:10 a m	1860 Park av.	2 story frame.	Emil Ferrant.	Emil Ferrant.	Dwelling.	Defective fire place.	4,913.44	12,600.00
5	6:25 a m	257 3d av S.	2 story brick.	A. Kenyon.	O. W. Peterson	Dwell and Rest.	Carelessness.	25.00	700.00
5	7:29 p m	627 Main st NE.	2 story frame.	H. E. Newton	John Jacobson	Conf. & tail. sh'p	Chimney fire.		
6	1:37 a m	401 4th av S.	1 1/2 story frame.	R. H. McMillan	H. Leen	Restaurant.	Sparks from stove.	425.00	1,100.00
9	12:34 a m	424 Central av.	3 story brick.	F. G. McMillan	wrs J. E. Desmond	Restaurant.	Sparks from stove.	373.40	13,500.00
9	6:40 a m	424 Central av.	3 story brick.	F. G. McMillan	Ida Lehenon.	Restaurant.	Rekindled.		
11	1:10 a m	525 Washington av N.	2 story frame.	W. M. Russell.	Ida Lehenon.	Store & dwell'g	Unknown.	1,100.00	1,800.00
12	8:07 p m	805 Russell av N.	2 story frame.	Hugh Jennings.	Hugh Jennings.	Dwelling.	Carelessness.	10.00	
13	11:57 a m	Divis'n st & 35th av SE.	2 story frame.	Church & Graves.	E. side P'g MilCo	Planing mill.	Carelessness.		
13	6:08 p m	4 Central av.	1 story frame.	Chute Bros.	Ann Thawfield.	Confecry store	Lamp explosion.		
13	6:46 p m	422 1st av N.	3 story frame.	Gale & Co.	J. Smith	Tenement.	Lamp explosion.		
13	10:34 p m	922 Spring st NE.	1 1/2 story frame.	John Martin.	John Martin.	Barn.	Incendiary	125.00	400.00

14	7:30 a m	False alarm	J. M. Blanchard	Carp. shop	False alarm	140.30	225.00
15	12:47 a m	709 Hennepin av	O. Turville	Dwelling	Line slaking	50.00	
16	9:18 a m	506 Monroe st	A. Polander	Dwelling	Defective chimney	5.00	
17	12:54 p m	2516 N 1st st	J. F. Jordan	False alarm	Carelessness	30.00	450.00
18	5:25 a m	77 Houg av	Willis & Dunham	False alarm	Chimney fire	210.00	1,800.00
19	7:12 a m	615-617 Nicollet av	J. O. Rafferty	False alarm	Child'n with matches	300.00	300.00
20	10:02 a m	2528 S 28th st	A. C. Lansing	False alarm	Defective chimney	5.00	15,000.00
21	6:48 p m	357 10th av S	P. J. E. Clementson	False alarm	Chimney fire	1,983.08	8,000.00
22	3:14 a m	324 Cedar av	Fred Lietzke	False alarm	Red hot stove		
23	2:11 p m	422 9th av S	R. G. Winter	False alarm	Incendiary		
24	3:00 p m	43-45 Wash av S	E. S. Stebbins	False alarm	Gasoline		
25	3:00 p m	320 W Oak Grove st	Brown Bros	False alarm	Electric light wire		
26	6:14 p m	115 Washington av S	W. Polhemus	False alarm	Rats and matches		
27	5:15 a m	Divis'us st & 5th av SE	Smith & Richardson	False alarm			
28	5:50 p m	17-19 N 1st st	Frank Stoneman	False alarm			
29	6:15 p m	2108 Polk st NE	G. N. R'y Line	False alarm			
30	6:45 p m	1800 N 1st st	Mrs. Johnson	False alarm			
31	5:05 a m	314 1st av SE	L. Kimball	False alarm			
32	7:16 a m	G. N. R'y near West-ern av	Galaxy Mill Co	False alarm			
33	7:20 p m	319 3d av S	W. Schermerhorn	False alarm			
34	9:09 p m	2533 S Emerson av	A. Noonan	False alarm			
35	9:36 a m	Canal and 8th av S	Sol S. Russell	False alarm			
36	6:15 p m	2425 14th av S	— Robinson	False alarm			
37	9:32 p m	42-44 Central ave	S. G. Cook & Co	False alarm			
38	12:23 a m	14-16 Fifth st S	North Star Barrel Co	False alarm			
39	18-20 Fifth st S	Hennepin av & 5th st	Rachel Label	False alarm			
40	2529 18th av S	15th av S and 6th st	B. H. Helen	False alarm			
41	6:43 a m	2529 18th av S	B. H. Helen	False alarm			
42	12:10 p m	525 Fifth av S	B. H. Helen	False alarm			
43	7:10 p m	1519 5th st N	B. H. Helen	False alarm			
44	2:58 a m	Hennepin av & 5th st	B. H. Helen	False alarm			
45	11:00 a m	Hennepin av & 5th st	B. H. Helen	False alarm			
46	2:00 p m	Hennepin av & 5th st	B. H. Helen	False alarm			
47	2:50 p m	2806 Stevens ave	B. H. Helen	False alarm			
48	9:00 p m	4th ave N and 1st st	B. H. Helen	False alarm			
49	12:28 p m	110-112 First ave N	R. D. Jones	False alarm			
50	2:21 p m	2015 Stevens ave	Y. M. C. Association	False alarm			
51	3:45 p m	24th st and 19th av S	Willis & Dunham	False alarm			
52	6:29 p m	Mary pl. and 10th st	Wm. Herbst	False alarm			
53	9:40 p m	1108 Third ave S	John Martin	False alarm			
54	4:14 a m	1307 Washington av N	Henry Zimmerman	False alarm			
55	4:14 a m	709-711 Nicollet av	Orth Brewing Co	False alarm			
56	1:05 a m	1809 First st N	Orth Brewing Co	False alarm			
57	9:38 p m	513 Washington av N	Orth Brewing Co	False alarm			
58	6:53 a m	Marshall st & 13 av NE	Orth Brewing Co	False alarm			
59	3:11 p m	Marshall st & 13 av NE	Orth Brewing Co	False alarm			

MARCH, 1891.

MARCH 1891.—Continued.

Day	Time of day	Location	Class of building	Owner	Occupant	Use	Cause	Total loss	Total insurance
6	6:52 p m	525 5th st S	2 story frame	H. Altwine		Chimney	Chimney fire		
7	10:17 p m	Min'aba av & 49th st	2 story frame		R. R. depot	Barn	Unknown		
8	8:38 a m	Henepin av & 3d st	4 story stone		H. Altwine	Office building	Lantern upset		
8	11:50 a m	Nic av bet 5th & 6th st	4 story stone	Mpls Syndicate		Office building	Steam t'k'n for sm'ke		
9	12:13 p m	123 6th st N E	1 story frame	Whitmore O'Brien		Cobbler shop	False mercurial	100.00	150.00
10	3:35 p m	2337 Cedar ave	1 story frame	D. O. Bell			Chimney fire		
11	8:15 a m	111 West 28th st	2 story frame	C. Fuller (agt)		Dwelling	Gasoline explosion	13.00	800.00
11	10:24 p m	300 Hennepin av	3 story brick	R. Reese & A. Lowry		Sweeps & dwelling	Gas	21,230.31	22,500.00
13	4:54 a m	Main st and 6th av SE	2 story brick	N. W. Star Oil Co		Oil house	Spont. combustion		
13	10:25 p m	Canal st and 8th av S	7 story stone	Galaxy Mill Co		Flour mill	Def. smoke stack		
14	1:35 a m	613-615 Wash. av S	3 story brick	C. Morrison & C. M. Loring		Boot & shoe store	Unknown	150.00	16,500.00
14	3:47 a m	107 Nicollet ave	1 1/2 story frame	H. E. Ladd		Store	Overheated oven	2.00	500.00
14	12:30 p m	911 Crystal L. ave N	2 story frame	Ole Hanson		Unfinished	Carelessness heating		
16	9:04 a m	117 16th av S	1 story frame		T. Hanson	Dwelling	Overh't'd stove pipe	5.00	400.00
17	2:00 p m	500 12th av S	1 1/2 story frame	John O'Connell		Dwelling	Incendiary		
18	1:10 p m	1615 7th st S E	2 story frame	John O'Connell		Dwelling	Supposed incendiary		
19	1:30 p m	233 Emerson av N	1 story frame	Ben Scott		Chimney	Supposed incendiary	\$73.00	\$300.00
19	8:32 p m	422 E 24th st	3 story brick	E. S. Corser & Co. (agt)		Bag house	Chimney fire	1,385.00	6,900.00
20	9:51 p m	618-622 1st av S	2 story frame	Briggs Bros.		Saw mill	Lamp explosion	4,350.00	15,500.00
22	1:48 p m	Foot of 25th av N E	2 story frame		Mrs. E. Robinson	Store house	Sm k mist'kn for fire		
22	6:07 p m	113 Main st S E	2 story frame	Salsbury Rolph & Co		Store house	Supposed incendiary	10.00	350.00
23	10:37 p m	913 Washington av S	2 story frame	Newton & Folwell		Cigar store	Incendiary	800.00	200.00
23	8:38 a m	2916 Aldrich av	2 story frame	Geo. Browning		Barn	Overh'ted incubator	794.55	1,800.00
23	9:18 p m	1110 Hawthorne av	2 story frame	Mrs. J. M. Bassett		Dwelling	Rats and matches		
24	11:37 p m	1110 Hawthorne av	2 story frame	Mrs. J. M. Bassett		Dwelling	Rekindled		
24	4:06 a m	4th av S bet 20 & 21 st	4 story frame		Chas. Briggs	Wood pile	Wood pile		
24	8:25 a m	415 Lyndale av N	2 story frame			Wood pile	Chimney fire		
25	6:34 a m	False alarm			Mme. Luther	Store & T'm's	False alarm		
25	12:03 p m	611 Nicollet av	3 story veneer	E. J. Phelps		Store & T'm's	Gasoline stove		800.00
26	8:50 p m	Wash. and 3d av S	2 story frame			Ham & Egg St'd	Gasoline explosion		
26	9:20 p m	217 S 12th st	2 story frame	False alarm		False alarm	Whistle		
30	5:20 p m	Soo R R shops	2 story frame			False alarm			
31	3:55 p m								

APRIL, 1891.

4	6:04 p m	110-112 2d av N	2 story frame	Wm. White	Chas. Hoyt	Dwelling	False mercurial	100.00	1,300.00
4	8:05 p m	2500 Howard st N E	2 story frame			Unoccupied	Overheated stove		
4	9:33 p m	229-228 1st st S	2 story frame	G. N. Ry. line		Unoccupied	Incendiary	250.00	
5	6:35 p m	328 Nicollet av	2 story frame			False alarm	Sm k mist'kn for fire		

5	7:07 p m	H'm'b'dt av & 27th st	Peaker	Jas. Lofgren	Prairie fire	Unknown.	5.00	300.00
6	1:03 a m	245 10th av S	Mathias Knobel	Jas. Lofgren	Dwelling	Sparks from forge	5.00	7,400.00
7	10:56 p m	1312 Marshall st N E	Peter Wolford	Geo. Wood	Blacksmith	Sparks from forge	12,925.00	14,000.00
8	1:20 a m	246 Hennepin av		Mpls 3r'n & F'd Co	Lodging house	Stayings in b'r ro'm		
9	12:40 p m	Central av & 8th st			Barn	Sp'cks f'm n't above		
10	5:20 p m	492 Madison st N E			False alarm	False alarm		
11	5:46 p m	628 Nicollet av rear			False alarm	False alarm		
12	5:03 a m	Central av & 8th st			Rekindled	Rekindled		
13	7:05 p m	Central av & 8th st			Rekindled	Rekindled		
14	12:01 a m	616 Fillmore st N E	Andrew Olson	Unoccupied	Dwelling	Incendiary	835.00	2,000.00
15	2:00 p m	3017 18th av S						
16	11:54 p m	1309 E Franklin av	P. R. Champion	P. R. Champion	Dwelling	Sparks from stove	325.00	1,500.00
17	1:35 a m	1075 11th av S E	Century Piano Co.	Century Piano Co.	Explo petroleum gas	Explo petroleum gas		
18	6:48 a m	Main & Bank sts SE			Prairie fire	Prairie fire		
19	2:06 p m	Henn'pin av & 20th st	B. Cooper	Mpls. Glass Co.	Glass store	Rekindled stove	493.44	12,250.00
20	12:35 p m	100-102 3d av N						
21	5:35 p m	Central av & 8th st	Miss M. Henderson	Willard Coffee Hse	Restaurant	Overheated stove	10.00	
22	9:35 a m	220 Hennepin av			Chimney fire	Chimney fire		
23	8:48 p m	48 8th st S	Fowler (agt.)	Wm. Embury	Carelessness	Carelessness		
24	7:12 a m	240-242 8th av S	Mpls. St. Ry. Co.	Mpls. St. Ry. Co.	Overheated bearing	Overheated bearing		
25	6:16 p m	Nicollet av & 20th st	Mrs. Caldwell	L. Kimball & Co.	Electric light wire	Electric light wire	142.85	1,000.00
26	6:40 a m	311 Pierce st S E	Julia M. Budwell	A. Stromberg	Gasoline stove	Gasoline stove	15.00	5,900.00
27	4:43 p m	16 W 15th st			Foul chimney	Foul chimney		
28	5:55 p m	1502 Wash. av S			Smoke house	Smoke house mis- taken for fire	151.32	2,250.00
29	8:17 p m	2721 Portland av	Mobach	Mobach	Dwelling	Carelessness fine stop	6,063.15	23,250.00
30	8:40 p m	518 Nicollet av	H. G. Sidle	W. W. Thomas	Shoe store	Red hot stove		
31	10:15 p m	2721 Portland av	Joannin Hanson & Co	Jo'n'n H'uson & Co	S & D mill	Rekindled		
32	11:53 p m	Foot 17th av N	Chas. Sandorf	Gus Mooney	Boiler ruptured	Boiler ruptured	200.00	500.00
33	11:01 p m	247 17th av N	L. Seeman	L. Seeman	Lamp explosion	Lamp explosion	2,700.00	2,700.00
34	4:45 a m	631 Penn av			Unknown	Unknown		
35	11:52 a m	Fremont & 27th av N			Brush fire	Brush fire		
36	1:51 p m	3944 to 3948 Min'ha av	J. Adams	Mrs. M. Lockhart	Sparks from loco	Sparks from loco	1,000.00	
37	2:30 p m	{ 2418 29th av S	John Alberg	R. S. Rodgers	Unknown	Unknown	850.00	2,200.00
38	3:05 p m	{ 2416 29th av S	Nels Johnson	John Alberg	From next above	From next above	50.00	1,500.00
39	4:50 a m	{ 2420 29th av S	A. F. Dahlberg	Nels Johnson	No. 2418	No. 2418	50.00	2,000.00
40	12:15 p m	407 6th av S	C. E. Vanderberg	Henry Bros	Dye works	Gasoline explosion	100.00	6,000.00
41	4:42 p m	3228 2d av S	W. D. Van Norman	W. D. Van Norman	Rats and matches	Rats and matches	71.44	5,000.00
42	7:07 p m	Central av & 8th st			Rekindled	Rekindled		
43	4:42 p m	307 Main st N E	Jno. C. Gierston	Jno. C. Gierston	Carelessness smoking	Carelessness smoking	27.00	1,500.00
44	5:30 p m	2513 23d av S	S. W. Farnam	F. W. Bowers	Mice with matches	Mice with matches	15.00	
45	7:20 p m	726 2d av S			Cigar stub	Cigar stub		
46	4:42 p m	803 Cedar av	John C. Wright	John C. Wright	Boys with matches	Boys with matches	\$25.00	
47	9:20 p m	26th av N and 3d st			Brush pile	Brush pile		
48	9:47 p m	196 15th av S			Nature	Nature		

MAY, 1891.

MAY 1891.—Continued.

Day.	Time of day.	Location.	Class of building.	Owner.	Occupant.	Use.	Cause.	Total loss.	Total Ins.
2	5:52 a m	931 Minnehaha av.				Dwelling.	Smoke mistkn for fire		\$3,500.00
2	5:24 p m	524 15th av SE.				Prairie fire.			
3	3:08 p m	Lake st & 17th av S.				Dwelling.	Sparks from chimney	23.00	1,500.00
3	12:53 p m	508 7th av N.			Ben Longley	Dwelling.	Sparks from locomotive		
4	3:45 p m	9th av and 1st st N.				Saloon	Smoke mistkn for fire		
4	6:10 p m	2 Main st NE.					Chimney fire.		
5	8:06 a m	124 Central av.				Boarding house	Def stove pipe.	35.00	
5	9:46 a m	427 S 4th st.			Mrs. O. Hara	Sawdust pile.	Sparks from smk stik		
5	2:47 p m	Foot 4th av NE.							
5	3:47 p m	Lake st and Lake of the Isles.				Grass on fire.	Grass fire.		
5	4:20 p m	Erie av & RR track.				Manure pile.	Manure pile.		
6	7:45 a m	4th st and 1st av S.				Old Tribune bldg	Rubbish on fire.		
6	5:25 p m	65 12th st N.		S. B. Loye		Chimney	Chimney fire.		
7	7:58 p m	Plymouth av & river		H. W. Leighton & Co		Saw mill.	Sparks from furnace	5.00	42,500.00
7	9:10 a m	22 12th st S.				Manure pile	Manure pile		
7	10:17 a m	3298 Clinton av.				Barn	Boys with matches.		
7	11:53 a m	407 6th av S.		Mrs. A. Livingston		Dye works	Overheated dryroom	8.35	1,250.00
7	1:42 p m	602 Nicollet.		A. C. Vandenburg		Restaurant	Rats with matches	600.00	
7	4:30 p m	312 Plymouth av N.		C. E. Popp		Petty & dwelling	Gasoline stove exp.	371.22	4,100.00
8	10:30 a m	2d st & 15th av NE.		P. C. Richardson		Wood yard	Incendiary		
8	12:38 p m	Rear 216 2d st N.			G. W. Higgins & Co	Shed	Sparks from chimney		
8	8:52 p m	2013 Hillside av.		J. J. Corcoran		Barn	Lantern upset.	75.00	900.00
8	8:54 p m	333 E 16th st.			Mrs. H. L. McCord	Dwelling.	Lamp upset.		
8	11:43 p m	1029 Washington av S.		Sullivan	O Bell	Dry goods store	Lamp upset.	123.30	3,500.00
9	8:25 a m	602 Nicollet av.				Restaurant	Rekindled		
9	6:45 p m	8th av NE and river.		Backus & Co.		Single pile	Sparks from smk stik		
10	6:55 a m	602 Nicollet av.		C. E. Popp		Restaurant	Rekindled	5.00	
10	12:45 p m	1502 Lake st.		Geo. S. Merrill		Dwelling	Def chimney	46.25	1,000.00
10	2:37 p m	815 6th av S.		W. S. Nott		Dwelling	Def chimney	48.25	2,000.00
10	4:58 p m	1th av N and 5th st.		C. Kuikoff		Rubbish	Boys with matches		
10	5:00 p m	6th between Nicollet and 1st av S.							
11	11:40 a m	32 Holden st.		R. H. Newton		Grnd op'n b'se	False mercurial.		
11	12:06 p m	207 Wash av N.		J. C. Plant		Stores, dw'l'gs	Oil boiling over.		
11	12:06 p m	207 Wash av N.		J. C. Plant		2d-hand store	Incendiary, clear.	308.56	10,500.00
11	2:30 p m	127 Nicollet av.		O. M. Hall		Tailor shop	Gasoline stove		
13	1:30 a m	316 Plymouth av.		J. Locher		Butcher shop	Spon combustion	475.00	9,000.00
13	9:11 a m	103 Wash av S.			Oscar Kunze	Tailor shop	Lamp upset		
13	10:11 a m	Division st & 2d av S.		Church & Grover		Shaving house	Sparks from smk stik	50.00	15,000.00
13	7:50 p m	2113 Wash av N.		Chandler estate.		Store	Accidental.	227.50	6,000.00
14	11:07 a m	25th st bet 17 & 18 av S.			N. Gumbulce	Manure pile	Boy with matches.		

14	3:55 p m	Oak st & Como av SE	1 1/2 story frame	E. S. Corser & Co.	A. J. Anderson	Pent fire.	175.25	450.00
14	4:05 p m	Em'ron st & D'nglas av	2 story frame	J. F. Wilcox	M. Bassett and J. L. Higgins	Carelessness	.....	.....
14	6:13 p m	Marshall & 11th av NE	1 story frame	J. F. Wilcox	J. F. Wilcox	Gasoline stove.	.....	600.00
14	7:00 p m	Bl'nding'tn av & 38th st	1 story frame	M. P.'s Gun Club	M. P.'s Gun Club	Sparks from sink stk	.....	.....
14	7:40 p m	111 Main st SE	1 story frame	Salsbury, Rolph & Co	.....	Carelessness	5.00	.....
15	1:30 a m	Division st & 3d av SE	1 story frame	City of Minneapolis.	City of Minneapolis	Incendiary	.....	.....
15	2:30 a m	Plymouth av bridge	.....	.....	.....	Rekindled	.....	.....
15	3:15 a m	Marshall & 11th av NE	.....	.....	.....	Sparks from stack	.....	.....
15	8:45 a m	Plymouth av bridge	.....	.....	.....	Rekindled	.....	.....
15	11:15 a m	Fourth of 26th av N	.....	.....	.....	Rekindled	.....	.....
15	1:10 p m	643 4th st N	2 story frame	J. W. Day & Co.	J. W. Day & Co.	Sparks from stack	.....	.....
15	1:20 p m	122 7th av N	1 story frame	Holy Angels Academy	Holy Angels Academy	Carelessness, brush	800.00	.....
15	5:25 p m	328 2d av N	2 story brick	M. N. Dahl	Andy Olson	Brush fire	10.00	\$1,000.00
15	7:10 p m	Marshall & 11th av NE	.....	.....	.....	Carelessness	.....	.....
15	8:23 p m	34th st and 4th av S	.....	.....	.....	Rekindled	.....	.....
16	10:52 a m	Pierces st & 26th av NE	.....	.....	.....	Rekindled	.....	.....
16	1:16 p m	Nicollet av and 2d st	.....	.....	.....	Cig'r thro'n on aw'n'g	.....	.....
16	1:26 p m	Marshall & 11th av NE	.....	.....	.....	Rekindled	.....	.....
17	6:50 a m	Marshall & 11th av NE	.....	.....	.....	Lumber yard	.....	.....
17	11:00 a m	Rear 3139 2d av S	1 story frame	J. H. James	J. W. Parker	Barns	.....	.....
18	3:10 p m	Division & 12th av SE	.....	H. W. Furbur	G. T. Bates	Carelessness, ashes	.....	.....
18	7:15 a m	Marshall & 11th av NE	.....	.....	.....	Bog fire	.....	.....
21	2:57 a m	24th av N & river bank	.....	.....	.....	Rekindled	.....	.....
21	3:24 a m	8th av S and 4th st	.....	.....	.....	Sparks from stack	208,380.54	155,500.00
21	4:02 a m	31st st & 15th av NE	.....	.....	.....	Incendiary	500.00	500.00
21	9:28 a m	1028 Emerson av N	1 1/2 story frame	J. Orth Brewing Co	J. W. Day & Sons	Sp'ks fr fire at box 437	.....	.....
21	9:50 a m	14th av NE & river b'k	1 story frame	John Gregory	John Gregory	Sparks from stove	1,500.00	1,000.00
21	9:50 a m	Room pier & river b'k	.....	Miss & R. R. Boom Co	Miss & R. R. Boom Co	Sparks fr smokestack	.....	.....
21	3:10 p m	3014 28th av S	2 story frame	Miss & R. R. Boom Co	John Lyons	Sparks fr fire box 437	40.00	.....
22	1:20 a m	25th av N & river b'k	.....	C. H. Prior	.....	Unknown	.....	.....
22	1:57 p m	Nicollet av to 6th st	.....	.....	.....	Test	.....	.....
22	3:56 a m	Lenox & Hamilton av SE	.....	.....	.....	Unknown	.....	.....
23	3:42 a m	304 28th av S	2 story frame	C. H. Prior	John Lyons	Sparks fr locomotive	.....	.....
23	9:00 a m	1234 1st av N	2 story frame	.....	.....	Incendiary	150.00	.....
23	2:58 p m	2501 12th av S	2 story frame	Felix Lawler	.....	Carelessness	.....	.....
23	3:29 p m	2d st and 24th av N	4 story brick	Bardw'l, Rob'son & Co	M. Jomtrally	Cigar stub	20.00	1,000.00
23	6:06 p m	1627 Chicago av	2 1/2 story frame	Jas. H. Pottle	Bardw'l, Rob'son & Co	Unknown	.....	.....
24	9:00 p m	812 7th st SE	2 story frame	Moses McKinney	.....	Carelessness	.....	.....
25	4:10 p m	1406 E Franklin av	1 story frame	John Swanson	C. E. Brust	Overheated fireplace	5.00	.....
25	5:30 p m	1324 1st st S	1 story frame	John Swanson	John Swanson	Smokehouse	.....	.....
27	8:30 a m	River and 25th av N	.....	John Peterson	M. Brennan	Stable	25.00	.....
27	2:52 p m	Univ'sty & 12th av SE	.....	.....	.....	Boys with matches	.....	.....
27	3:00 p m	6th av N and 1st st	.....	.....	.....	Rekindled	.....	.....
28	9:21 a m	1411 E 19th st	.....	.....	.....	Grass on fire	.....	.....
28	10:11 p m	36-29 1/2 6th st S	4 story brick	F. G. Turnquist	F. A. Plummer	Sparks, locomotive	.....	.....
28					B'nsl'ger & Bab'k	Sparks, locomotive	.....	.....
						Stores & ten'mts Sup. Incendiary	398.38	22,625.00

MAY 1891.—Continued.

Day.	Time of day.	Location.	Class of building.	Owner.	Occupant.	Use.	Cause.	Total loss.	Total Ins'rnce
30	4:55 a m	15 and 17 W 14th st. . .	2½-story frame	— Hurd.	W. Mesker.	Dwelling.	Sup incendiary.	500.00	.....
30	6:24 p m	8th av and river NE. . .	1 story frame.	— Johnson.	B. Volman.	Saw mill.	Sparks from stack. . . . .	.....	.....
30	8:32 p m	7 Eastman av.	3 story stone.	Backus & Co.	Backus & Co.	Tenement.	Rubbish. . . . .	.....	.....
30	10:06 p m	75 S 7th st.	3 story frame.	W. W. Eastman.	Mrs. E. S. Allen.	Rubbish.	Rubbish. . . . .	.....	.....
31	12:11 a m	Main st and 7th av SE. . .	3 story brick.	Pioneer Fuel Co.	Pioneer Fuel Co.	Wood yard.	Sup. incendiary.	750.00	2,000.00
31	6:37 a m	Main st and 4th av N. . .	3 story brick.	Nelson Paper Co.	Nelson Paper Co.	Paper mill.	Sparks, furnace.	19,751.70	20,450.00
31	10:30 a m	4th av N and river. . . .	3 story brick.	Hall & Ducey Lum Co.	Hall & Ducey Lum Co.	Saw mill.	False mercantile. . . . .	.....	.....
1	4:51 p m	34th av N and River. . .	1 story frame.	F. G. Turnquist.	Various.	Stores & ten'n's.	Rekindled. . . . .	.....	.....
2	1:45 p m	34th av N and River. . .	1 story frame.	W. W. Bray.	Henry Phelps.	Dwelling.	Rekindled. . . . .	.....	.....
3	11:30 a m	215 2d av S.	2 story frame.	N. S. Co. of Bri Co.	N. S. Co. of Bri Co.	Cooper shop.	Gasoline stove.	81,500.00	25,200.00
4	12:25 p m	1201 5th st N.	1 story brick.	F. G. Turnquist.	Various.	Stores & ten'n's.	Rekindled. . . . .	.....	.....
5	8:00 a m	34th av N and River. . .	1 story brick.	F. G. Turnquist.	Various.	Stores & ten'n's.	Rekindled. . . . .	.....	.....
6	2:33 a m	38 6th st S.	1 story brick.	F. G. Turnquist.	Various.	Stores & ten'n's.	Rekindled. . . . .	.....	.....
6	8:00 a m	34th av N and River. . .	1 story brick.	F. G. Turnquist.	Various.	Stores & ten'n's.	Rekindled. . . . .	.....	.....
6	10:48 a m	3146 Blaisdell av. . . .	2 story frame.	W. W. Bray.	Henry Phelps.	Dwelling.	Gasoline stove. . . . .	.....	.....
6	1:55 p m	Cor 15th av S & 5th st. . .	2 story frame.	N. S. Co. of Bri Co.	N. S. Co. of Bri Co.	Cooper shop.	Overheated dry kiln.	435.00	10,000.00
8	3:36 p m	1022-1030 Riverside av. .	1 story frame.	N. S. Co. of Bri Co.	N. S. Co. of Bri Co.	Cooper shop.	Overheated dry kiln.	435.00	10,000.00
8	11:40 a m	815 1st st & 8th av NE. . .	1 story frame.	N. S. Co. of Bri Co.	N. S. Co. of Bri Co.	Cooper shop.	Overheated dry kiln.	435.00	10,000.00
9	3:24 p m	100 20th av N.	1½ story frame.	H. N. Thompson.	H. N. Thompson.	Barn.	False alarm, whistle. . . . .	.....	.....
10	1:14 p m	723-725-727 S 10th st. . .	2 story frame.	Porter & Pratt.	H. N. Thompson.	Barn.	Child with matches.	74.00	1,250.00
10	5:46 p m	1 2126 Willow av.	2 story frame.	Porter & Pratt.	W. S. Porter.	Confec store.	Unknown.	1,502.12	2,500.00
10	11:27 p m	611 N 8th st.	2 story frame.	C. A. Bruckett.	C. A. Kincaid.	Dwelling.	Incendiary.	2,800.00	2,800.00
11	2:33 p m	6th av and 9th st SE. . .	2 story frame.	Mpls. Furn. Co.	Mpls. Furn. Co.	Dwelling.	From next above.	425.00	1,200.00
12	9:00 a m	7th av and 2d st SE. . .	2 story brick.	Gillette, Herzog Co.	Gillette, Herzog Co.	Furn. factory.	Rags on fire. . . . .	.....	.....
13	9:26 p m	Foot of Plymouth av. . .	1 story frame.	Fred Stevens.	Fred Stevens.	Machine shop.	Sparks from furnace. . . . .	.....	.....
13	3:05 p m	1705 to 1725 S 7th st. . .	1 story frame.	Stinson Bros. Co.	Stinson Bros. Co.	Barn oil house.	Spont combustion.	175.00	.....
13	4:23 p m	8th av and Henn.	1 story frame.	Edison L. & P. Co.	Edison L. & P. Co.	S. and D mill.	Solke mist'n for fire. . . . .	.....	.....
13	3:00 p m	611 N 8th st.	1 story frame.	Edison L. & P. Co.	Edison L. & P. Co.	Power house.	Charles. . . . .	.....	.....
16	9:43 a m	304 13th av SE.	2 story frame.	J. E. Mooney.	J. E. Mooney.	Barn.	Child with matches.	44.95	2,850.00
16	7:45 p m	3rd and 4th av S.	2 story frame.	J. E. Mooney.	J. E. Mooney.	Barn.	Gasoline stove. . . . .	.....	.....
16	8:53 p m	5th Cedar av.	2 story frame.	O. N. Nordberg.	O. N. Nordberg.	Bleach house.	Steam mist'n for fire. . . . .	.....	.....
17	10:20 a m	903 3d av N.	2 story frame.	O. N. Nordberg.	O. N. Nordberg.	Tenement.	Lamp upset.	10,000.00	10,000.00
17	6:05 p m	601 Taylor st NE.	2 story frame.	Miss Lizzie Stetson.	T. N. Forsyth.	Dwelling.	Gasoline stove. . . . .	.....	.....
17	8:35 p m	241 1st av S.	2 story frame.	Dan Jenkins.	Adolph Hall.	Dwelling.	Gasoline stove. . . . .	.....	.....
19	8:10 p m	79 Nicollet av.	2 story brick.	H. E. Shepard.	Nelson & McClean.	Trunk p & st rs.	Lamp explosion. . . . .	.....	.....
20	1:23 a m	3d st and 2d av S.	2 story brick.	H. E. Shepard.	Rice & Armstrong.	Str & tenen'ns.	Rubbish. . . . .	.....	.....
22	1:45 a m	Same as next above. . . .	12 story stone.	N. W. Guar Loan Co.	Various.	Office building.	Electric light wire.	25.00	350,000.00
22	1:50 a m	43d st and Queen av. . .	1 story frame.	Mpls. Street Ry Co.	A. M. Barnett.	Pavilion.	Defective stove pipe.	13,300.00	11,500.00

JUNE, 1891.

22	10:27 a m	42d st and Queen av.	1 story frame.	Akeley Lumber Co.	Akeley Lumber Co.	Pavilion.	Rekindled.	.....
23	12:01 p m	25th av N and River.	1 story frame.	Akeley Lumber Co.	Akeley Lumber Co.	Lumber yard.	Sparks from stack.	.....
24	2:13 p m	Rear 347 1st av S.	2 story frame.	.....	.....	Lumber yard.	Sparks from stack.	.....
25	8:24 p m	42-43d N.	2 story frame.	C. F. Smith, Agt.	M. B. Redding.	Out house.	Hot ashes.	.....
26	10:55 p m	42-43d N.	2 story frame.	E. J. Phelps.	F. R. Yerxa & Bros.	Dwelling.	Sparks from stack.	.....
27	11:05 p m	2712 Pillsbury av.	2 story frame.	G. F. Warner.	T. F. Knoppus.	Dwellings.	Lightning.	.....
28	11:05 p m	32 S 4th st.	2 story frame.	Mpls Street Ry Co.	Anderson & Co.	Paper h'g'r str.	Lightning.	.....
29	2:40 a m	Nicollet av and 22d st.	4 story brick.	R. S. Goodfellow.	Mpls Street Ry Co.	Street car.	Cigarette stub.	35.00
30	2:01 p m	427-429 Nicollet av.	2 story brick.	A. Rutliff.	R. S. Goodfellow.	Stores & offices.	Lightning.	820.97
31	5:14 p m	216 Wash ave N.	3 story brick.	Dr. Elliott.	F. R. Yerxa & Bros.	Stores & offices.	Supposed incendiary.	377,200.00
32	5:52 p m	426 2d st N.	1 1/2 story frame.	Chas. Bader.	Chas. Danneger.	Lodging house.	Electric motor.	.....
33	12:55 p m	326 Pillsbury av.	2 story frame.	Albert Partridge.	Albert Partridge.	Out house.	Sparks from stack.	.....
34	1:30 p m	3d av N and 2d st.	3 story brick.	Mpls Street Ry Co.	Mpls Street Ry Co.	Dwelling.	Lightning.	.....
35	7:50 p m	325-327 Nicollet av.	4 story brick.	G. F. Warner.	Aegan Bros.	Offices, etc.	Lightning.	.....
36	6:20 p m	407 6th av S.	2 story brick.	A. C. Vanderburg.	Minn. blank bk. Co.	Bakery.	Smoke mlt'n for fire.	.....
37	11:55 a m	12 5th st N.	.....	.....	.....	Store & dwelling.	Unknown.	.....
38	5:50 p m	6th av SE and 9th st.	.....	.....	.....	Furn. factory.	Gasoline stove.	\$291.45
39	11:07 p m	215 2d av S.	.....	.....	.....	.....	Rags on fire.	.....
40	11:25 p m	1116 3d av S.	.....	.....	.....	.....	False alarm.	.....
41	2:00 p m	Nicollet av & 5th st.	.....	.....	.....	.....	False alarm.	.....
42	7:00 p m	Grand Opera House.	.....	.....	.....	.....	False alarm.	.....
43	6:45 a m	222 Washington av N.	3 story brick.	City of Minneapolis.	Public.	Viaduct.	Sp'ks from loc'm'tve.	.....
44	8:35 a m	310 Newton av N.	2 story frame.	Stag Bros.	R. M. Carter.	Store.	Fire works.	200.00
45	10:15 a m	609 16th av S.	1 1/2 story frame.	R. N. Woollet.	J. K. Olafson.	Dwelling.	Fire works.	1,000.00
46	1:05 p m	703 3d av NE.	2 story frame.	P. Condon.	J. Kerswell.	Dwelling.	Fire works.	7.50
47	2:13 p m	Rear 314 9th st SE.	2 story frame.	M. Colwell.	W. Cartwright.	Dwelling.	Fire works.	10.00
48	3:00 p m	827 6th st S.	2 story frame.	M. W. Nash.	M. Colwell.	Barn.	Fire works.	145.00
49	6:22 p m	1347-49 Nicollet av.	3 story frame.	Mrs. West.	Otto Langren.	Dwelling.	Fire works.	27.35
50	7:00 p m	2436 Hiawatha av.	2 story frame.	J. J. Fretter.	R. Hurlbert.	Hay stack.	Fire works.	45.75
51	8:42 p m	1347-49 Nicollet av S.	3 story frame.	Mrs. West.	J. J. Fretter.	Dwelling.	Fire works.	25.00
52	10:13 p m	307 Washington av S.	2 story frame.	First National bank.	R. Hurlbert.	Dwelling.	Fire works.	18.98
53	12:43 a m	300 Cedar av.	1 story frame.	Mrs. Ellicott.	O. C. Burdick.	Photo gallery.	Fire works.	526.40
54	12:43 a m	247 Hennepin.	3 story brick.	L. D. Smith.	Adam Cook.	Saloon.	Fire works.	3,700.00
55	12:15 p m	416 Monroe st NE.	2 story frame.	E. H. Blachy.	Restaurant.	Dwelling.	Fire works.	70.16
56	10:26 p m	1545 Franklin av E.	2 story brick.	F. A. Jackson.	Thayer et al.	Paper store and jewelry.	Fire works.	1,000.00
57	12:15 a m	2610 E 20th st.	2 story frame.	F. A. Jackson.	Jas. Blachy et al.	Dwelling.	Unknown.	5,500.00
58	12:18 a m	Blaisdell & Franklin av.	.....	.....	.....	Unfinished.	Carelessness, match.	1,000.00
59	11:45 a m	2331 15th av S.	2 story frame.	H. L. Robinson.	Wm. Fox.	Dwelling.	Tramp trying to keep warm.	.....
60	3:06 p m	Main st & 2d av SE.	2 story stone.	Lockwood, Upton & Co.	Lockw'd Upton & Co.	Iron foundry.	Gasoline stove.	389.90
61	.....	.....	.....	.....	.....	.....	False mercurial.	1,500.00

JULY, 1891.

JULY 1891.—Continued.

Day.	Time of day.	Location.	Class of building.	Owner.	Occupant.	Use.	Cause.	Total loss.	Total insurance.
13	3:05 a m	1217 6th av N	2 story frame	Chas. A. Walt.	James McEwen.	Barn and store	Incendiary	500.00	2,900.00
13	8:54 a m	1540 Penn av	2 story frame	J. S. Ousick.	James McEwen.	From next above	From next above	155.00	1,500.00
13	1:05 p m	2606 1st av S	2 story frame	S. S. McNeely	J. F. French.	Dwelling	Gasoline stove	.....	1,500.00
14	3:31 a m	15 W Grant st	2 story frame	D. M. King	W. H. Ferrell.	Dwelling	Gasoline stove	.....	.....
14	5:05 p m	1428 Marshall st NE	2 1/2 story fr me	Ridell, Schroeder & Co.	Ridell, Schroeder & Co.	Feed mill.	Carelessness	75.00	4,000.00
15	2:47 p m	215 Washington av N	2 story brick.	.....	.....	Store etc.	False alarm	.....	.....
16	5:01 a m	223 1st av N	Frame	.....	.....	Store etc.	Sparks from stack	.....	.....
16	11:52 a m	2311 S 8th st.	1 1/2 story fr me	Mrs. Harrington.	M. Benson & G. Bis-	Dwelling	Sparks fr'm chimney	50.00	.....
16	1:10 p m	6th av NE and River	1 story brick.	E. W. Backus.	E. W. Backus	Lumber yard.	Sparks fr'm sm'k'g	.....	.....
17	12:05 a m	331-333 Hennepin av.	2 story brick.	Mpls. Trust Co.	Dr. Brinley & Co	Stores & offices	Spon. combustion	409.84	23,250.00
17	3:21 a m	331-333 Hennepin av.	2 story veneer	Eichhorn & Sons, agt	Mpls. Eng. Co	Stores & offices	Rekindled	.....	.....
17	1:53 a m	2008 21st av S	2 story frame	H. Hill	Con Sorenson	Dwelling	Sparks fr'm chimney	25.00	.....
17	1:00 p m	616 6th av S	1 story brick.	Christian Bros. & Co	Mrs. Amos	Dwelling	Gasoline stove	.....	.....
17	8:15 p m	1st st and 5th av S	1 story frame	F. E. Long	F. E. Long	Crown roll'r mill	Sparks from stack	23,726.28	265,000.00
18	5:05 p m	929 16th av SE (rear)	1 story frame	F. E. Long	F. E. Long	Barn	Boy with matches	.....	.....
18	6:11 p m	131 16th av SE (rear)	1 story frame	Geo. C. Ripley	C. L. Shelly	Dwelling	From next above	250.00	.....
19	3:40 p m	6th av NE and River	2 1/2 story fr me	Geo. C. Ripley	C. L. Shelly	Dwelling	From next above	600.00	2,500.00
20	9:11 a m	2524 Bloomington av.	1 1/2 story fr me	E. W. Backus	E. W. Backus	Lumber yard	Sparks from stack	.....	.....
20	11:00 a m	2723 Portland av	1 1/2 story fr me	J. H. Huntington	J. H. Huntington	Lumber yard	Sparks from stack	.....	.....
20	3:55 p m	1110 3d av S	2 story frame	E. A. Knapp	E. A. Knapp	Barn	Boys with matches	.....	.....
20	8:45 p m	Foot of 11th av NE	3 story brick.	Nelson, Tenney & Co	Chapman	Dwelling	Gasoline stove	.....	.....
20	10:05 p m	308 Nicollet av	3 story brick.	Louis Laramée	Nelson, Tenney & Co	Wood yard	Sparks from stack	2,955.00	12,500.00
21	1:57 p m	308 Nicollet av	2 1/2 story fr me	C. W. Fish	Manhattan hat	Hat store	Incendiary	.....	.....
21	7:35 p m	216 4th av N	2 1/2 story fr me	C. W. Fish	C. W. Fish	Dwelling	Rekindled	.....	.....
22	1:53 a m	1 Oak Grove & W 15 st	2 1/2 story ven'r	F. H. Boardman	Herman Beecher	Barn	Boys with matches	1,637.45	1,900.00
22	6:50 a m	1 Oak Grove & W 15 st	2 1/2 story ven'r	F. H. Boardman	F. H. Boardman	Barn	Unknown	175.00	500.00
22	5:23 p m	312 Nicollet av	2 story brick.	F. G. James	F. G. James	From next above	From next above	.....	.....
22	5:25 p m	1115 E Franklin av.	2 1/2 story fr me	Mpls Loan & Trust Co	J. Moren	Bl'ksmith shop	Sparks from chimney	10.00	.....
23	9:40 a m	2108 16th av S	2 story frame	Hobbs & Rowell	Blanche Brown	Restaurant	Carelessness, gaso-	15.00	.....
23	10:30 a m	Rear 110-123 Univer-	1 story frame	Rev. Wright	Rev. Wright	Dwelling	Oil stove	100.00	.....
23	3:50 p m	17 Royalston av.	2 story frame	Mrs. Rollins	E. H. Prescott	Sheds	Boys with matches	.....	.....
25	5:15 a m	250 Nicollet av	2 story frame	Rev. Wright	E. H. Prescott	Dwelling	False alarm	45.42	2,100.00
26	3:45 p m	250 Nicollet av	2 story brick.	J. Jacoby	J. Skoll	Gasoline stove	Lamp upset by dog	3,732.00	10,000.00

27	9:00 a m	1st av & 6th st NE	3 story brick..	Wheaton & Reynolds & Co	Wheaton & Reynolds & Co	S & D mill	Sparks from stack		
28	7:32 p m	1321 S 8th st.	1 story frame	H. C. Butler	H. C. Butler	Barn	Boys with matches	20.00	
29	10:16 p m	706 Nicollet av	5 story brick..	Dr. O. J. Evans	Grant Bell	Bicycle repair shop	Sparks from forge		
30	11:43 p m	6th st and 24th av N	1 1/2 story frame	Pioneer Fuel Co	Pioneer Fuel Co	Wood yard	Incendiary	200.00	300.00
	9:11 p m	Rear 37 1/2 st W	1 1/2 story frame	Washington Yale	Chas. E. Gill	Barn	Supposed incendiary		
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2	4:57 a m	Cor 5th st & Hen. av.	12 story brick.	S. G. Cook	Numerous	Elec Lgt Plant.	Sparks from furnace		
3	3:20 p m	411 11th st S.	2 story brick.	L. L. Cook	J. Segue	Tenement	Gasoline stove ex.	\$29.00	\$800.00
4	3:10 p m	236 26 1/2 South 6th st.	4 story brick	F. G. Lindquist	and others	Store & dwelling	False alarm.	5.00	
5	3:25 p m	226 Washington av. N	1 story frame		Numerous	Lodging house.	Smoke mist for fire.		
6	9:25 p m	5th av N E & River	3 story brick		Taylor	Office	Lamp.		
7	11:55 a m	240 Hennepin av.	1 1/2 story frame	Andrew Johnson	C. E. Kemel	Restaurant	Unknown	80.00	1,650.00
8	7:24 a m	418 12th av S	1 1/2 story frame	Jacob Barge	Numerous	Dwelling	Carelessness furnace		
9	3:45 p m	49 Wash. av S	2 story frame	Clinton Morrison	Clinton Morrison	Stores & offices	Unknown	150.00	
10	4:30 a m	365 24th st E	4 story brick	D. Kennedy	D. Kennedy	Factory	Sparks, furnace.		
11	7:25 p m	Western av.	3 story veneer		Mrs. Flaherty	Arlington h'use	Lamp explosion		
12	9:28 p m	17-19 2d st N	1 story frame	Thompson	Phillips	Dwelling	Chimney	5.00	
13	11:43 a m	322 17th av S	1 1/2 story frame	J. Rean & G. R. Samuels	J. Rean & G. R. Samuels	Barn	Boys	418.35	2,500.00
14	5:53 p m	Rear 312 1/2 m'gt'n av	1 story frame	Caroline A. Holmes	Dr. Linn	Furn Factory	Rags on fire		
15	12:30 a m	6th av SE and 9th st.	2 story frame	Excelsior O. T. Line	Excelsior O. T. Line	Coal shed	Unknown	126.21	6,000.00
16	3:05 a m	Rear 615 8th st S	1 story frame	J. Bolst	C. G. Hartman	Dwelling	Careless 's gas' st' ve	808.40	2,200.00
17	10:45 a m	4th st & Oak SE	2 story frame	F. M. Smith		Wood shed	Boys playing theatre	25.00	
18	2:45 p m	2506 13th av S	1 story frame	Moses Woodruff		Out house	Kids		
19	5:40 p m	1521 5th st S	5 story brick	T. J. Thompson	T. J. Thompson	Feed Mill	much wheat in ruins		
20	10:15 p m	601 1st st N	1 story frame	Chas. E. Adders	Chas. E. Adders	Barn	Manure		
21	11:25 p m	1537 Franklin av	2 story frame	H. C. Strelow	H. C. Strelow	Shop & dwelling	Sparks	65.00	3,900.00
22	7:55 p m	1007 Wash. av N	2 story frame	Olson	Olson	Shop & dwelling	Gasoline stove		
23	7:55 p m	2636 Dupont av N	2 story frame	L. M. Ayers	L. M. Ayers	Dwelling	Clothes to close stove		
24	1:50 a m	601 1st st N	5 story frame	T. J. Thompson	T. J. Thompson	Feed mill	Rekindled	1,900.00	
25	1:22 p m	2422 24th st S	2 story frame	Mrs. Shoder	Albert Johnson	Dwelling	Smoke mist, for fire		
26	5:45 p m	9 Highland av	2 story frame	Wm. Dyson	Wm. Dyson	Dwelling	Spont. Combustion	327.17	4,500.00
27	10:30 p m	2714 Nicollet av	2 1/2 story frame	M. E. Matthews	M. E. Matthews	Dwelling	Lamp explosion	10.00	3,000.00
28	2:43 p m	Division & 5th av SE	3 story brick	Miss Grabill	Mpls. Furn Co	Furn factory	Gas.	350.00	4,800.00
29	11:33 p m	4th st & Nicollet av	1 story frame	Alex Douglas	C. F. Lee	Store & office	Sparks		400.00
30	1:02 a m	2112 2d st N			Alex Douglas	B Smith's shops	Sewer caved in		
31	1:54 p m	213 West 14th st.				Feed mill	Oil stove.		
32	3:50 p m	715 Central av				Baker shop	Offensive fuc.	118.40	500.00
33	19:45 p m	2323 James av N	2 1/2 story frame	Nels Berquist	Adolph Johnson	Dwelling	Lamp explosion		
34	2:50 p m	2505 24th av S	2 story frame	John Lamb	John Lamb	Dwelling	Lamp explosion		
35	8:10 p m	Rear 1023 Laurel av	2 story frame	W. G. Leighton	Christ Nelson	Barn	Tramp	1,177.00	1,250.00
36	3:40 a m	62 5th st S	1 story brick.		H. O. Beard	Barn	Incendiary	10.00	3,000.00
					Unoccupied				

nalia, and that larger quarters will be needed. These, in my judgment, should be provided early, as the change can be made with much less trouble and expense at the time the new system is connected for use than later. I have a hope that the banks of the city can be induced to connect with this signal system at their own expense, and that other business institutions, where a detachment of officers, or a single officer may be needed at any moment on short call, will do the same thing. When this is done the headquarters of the department will be in close touch with these important interests, and in a position to render them assistance that can be made valuable only in proportion as it is prompt. In an especial way are the thanks of the department due to the council committee on police, without whose united aid this extension of a most important branch of the service would have been impossible at this time.

AN EMERGENCY FUND.

A contingent fund, to be set apart by the council at the beginning of each year, for the use of this department, and to be drawn upon by the mayor and superintendent of police in cases of emergency, would lend important assistance in carrying on successfully certain branches of the work that we have to do. Under the present system this department has practically no authority to spend a dollar of the city's money unless the matter has first gone through the tedious council routine, and the need for a regulation like that spoken of has suggested itself so often during the year that I hope the attention of the council may be called to it. It frequently happens, in the secret work of the department especially, and in cases where prompt and decisive action is necessary in order to accomplish certain ends, that a fund like this, would be of great benefit. It need not be large, and care should always be taken to expend it judiciously. It would be difficult to overestimate the advantage that might accrue to the department if it had such a fund at its disposal.

THE STATIONS.

Recent repairs in the south side station will enable the department to occupy it for another year, by which time I hope that the new station, so badly needed, may be forthcoming. The station on the east side of the river has been located at the corner of Central avenue and Fourth street, in the new Odd Fellows building. It is neatly and comfortably furnished, and when provided with a patrol wagon and a team and cells, will be fully equipped. I recommend the purchase of a patrol wagon and team for this station as soon as possible. A row of cells sufficient for the necessities of the case can be spared from the central station, and I suggest that they be put in place at an early day. Alterations in the heating and ventilating arrangements at the north side station have made that station habitable during the winter months, and, it is hoped, so far overcome the defects in the original construction as to remove most of the late numerous causes for complaint.

POLICE SURGEON.

The health of the members of the department for the year did not fall below the average, as the report of the police surgeon will show. This officer has been efficient, and, what is almost of equal importance, prompt, and his dealings with the department and its heads have shown him to be courteous and kind and in active sympathy with the spirit of

those portions of our rules which relate to him and his duties. The continued and intelligent endeavors of the police surgeon to make himself useful in the department have been a source of much gratification to us all.

THE POLICE MATRON.

The office of police matron is becoming more important each year in this city, and, as the work increases, it becomes apparent that there should be separate quarters at the central station for the small children and innocent girls, who so often, by accident, fall into the hands of the police and are detained for short periods of time. These persons do not belong to the criminal classes, and in most instances are not under arrest, and they should not be confined in the general female ward, where abandoned women in all the downward stages of depravity are frequently to be found. I would recommend, that, if practicable, a small room on the second floor of the central station be set apart for this purpose. In this connection I desire to say that the present police matron, by her faithfulness in the discharge of the manifold duties that devolve upon her, and by her earnest christian work among the unfortunate women who come under her care, has proven to be a valuable auxilliary to the department.

AS TO THE NEWSPAPERS.

The relations between this department and the public press, through its reporters, as a rule have been pleasant and of a character to call for no particular reference. The true newspaper instinct, however, and the policy of the department governing the giving out and withholding of important news, are so peculiarly at variance on many occasions that only a mutual forbearance and concession prevents a more or less serious disturbance of these relations. Very frequently the publication of the fact that a crime has been committed prevents the capture of a criminal, and so thoroughly have police departments generally come to believe this that police reporters in many cities get little information regarding matters purely of a police nature, aside from the uninteresting routine, from the offices of superintendents or chiefs of detectives. During the year I have been called upon several times to testify to the truth of the words used above. I cannot forbear in this report to condemn most earnestly the disposition that is noticeable at times in some of the home newspapers to use epithets and terms in referring to the force and individual members of it that tend to the disparagement of a service which every good citizen should uphold. Members of the department, it will be conceded, deserve not only more praise for brave deeds done, but should be jealously protected from any expressions that will tend to degrade their occupation in the eyes of the people. The words "copper," "peeler," "fly bob," and then the nicknames given to officers because of something they have done or have not done, which, while intended to be harmless, often result in harm and in heartaches. These are some of the things to which I would call the attention of the newspapers and ask to have omitted from their columns. In the police service cowardice is the blackest of all offenses, and punishments for short-comings is quick and sure. As the representative of the law, the police department should be protected from sneers and innuendoes through the public press, and given the dignity which is its due. If the force, as such, were low, mean and valueless, criticism would be in order; but when it tries to be manly, earnest and

efficient, the short-comings of any member of it should be then occasion for regret rather than for alleged humor and satire. I say this in all kindness, and cannot think that the newspapers or the public will think me unjust. While I say it I am not unmindful of the repeated kindness of the press to the department, individually and collectively, nor of the fact that that kindness was prompted by most generous impulses. I will say, too, that I believe the things with which I find some fault were not intended in a spirit of unfriendliness nor with a view to embarrassing the department. But, be that as it may, the effect was the same as if it were so intended.

A WORD TO THE PUBLIC.

In times past there existed in this city a strong prejudice against the police department, a prejudice which at this day has not entirely disappeared. Whether or not that prejudice was well founded is not a question for discussion here, but whether the causes for it, if causes there were, have not disappeared, or are not disappearing, is something regarding which every fair-minded person should inform himself. It may be that in the past the department abused itself, in permitting unworthy men to remain connected with it, in showing partiality in the distribution of rewards and punishments, and in allowing itself to be made a vehicle for the payment of petty political debts. These things all tended towards demoralization, lack of discipline and a general unfitness for duty, and would have been felt in the ranks of the most carefully selected and most perfectly organized body of men in the world. It may be to-day that the force is not all that the public would have it to be. But if the record of a year goes to show anything, it goes to show that there has been a marked improvement all along the line. It may be that there is still on the force men who should not be there, and if this is conceded, the answer comes naturally that perfection is impossible and should not be expected. The aim of the present administration has ever been to do the very best that can be done with the material at hand, to get rid of undesirable men as rapidly as possible and to put better men in their places. People who are constantly finding fault with the police department are standing in their own light, for it is their property and they should protect it. The department belongs to the tax payers, whose money sustains it, and they should, to say the least, do their faultfinding with discrimination, and not send forth their words unmixed with praise, when praise is fairly due.

The department should be a mutual affair. The interest the administration takes in it should never exceed that of the public generally, and both should join hands in an effort to make it as serviceable as possible, for as it becomes serviceable property becomes better protected and the city a better place to live in.

No police department that does its work fearlessly and well can hope for general favor. Every year thousands of individuals are arrested and punished for violations of known laws, and it is not expected that they or their friends will call a mass meeting and pass resolutions commending the department or any of its members. It is expected, on the other hand, that they will do all they can to annoy and vex.

They will entirely overlook or will belittle good points and magnify weak ones; they will not tire in an effort to hold the department up to

ridicule and derision; they will labor for all this as if their bread and butter depended upon it. Then, there are good people who find fault because this or that trivial ordinance is not enforced, and who, in the midst of their grumbling forget that a man who has too much to do can do nothing well. If the entire force of 225 men were on duty at all hours there would only be four for each square mile of territory in the city, and when the force is divided into day and night watches, this number is reduced to about two. The first thing a gang of thieves does when it comes to a city is to note the police force, and if there are any weak points, here is a fraternity that does not overlook them. The smaller the force the more widely distributed, and the more successfully the gang can work. Once or twice during the year Minneapolis has had visitations of this sort, but the gangs were broken up, most of the property recovered and the leaders sent to the penitentiary. The local police records for the year will, I am sure, compare most favorably with those of any city in the country, which, in view of the fact that our force is smaller, comparatively, than the force of almost any city of note that can be named, means a great deal. Let me suggest, therefore, the advisability of holding up the hands of the department in its efforts to protect the citizens and their property, and of finding an occasional kind word to say in the place of so many that are unkind. I am glad to know there is more of this spirit of friendliness and forbearance in the community now than was noticeable formerly, and hope it will increase and not diminish. In proportion as it does increase will the citizens of Minneapolis find their police department a source of pride, no matter who is mayor or who the superintendent of police.

IN CONCLUSION.

In conclusion, I desire to express my thanks to his honor, the mayor, who, as the head of the police department, is responsible in no small degree for the present general efficiency of that department, and the harmony and good feeling that exists between its several branches, the logical result of which has been a steady improvement in the character of the work done; to the city council, whose generosity has made possible the improvements that have been spoken of, and to the council committee on police, whose earnest and unceasing advocacy of measures having in view the extended usefulness of the department, has assured the success of those measures. Thanks are also due to the commanding officers of the different stations and to their subordinates, to the members of the detective force and to the officers in general, for without their hearty co-operation with me much of the best work of the year, and that which gives me most satisfaction as I now recall it, could not have been performed.

R. R. HENDERSON,
Superintendent of Police.

SUMMARY OF PUBLIC SERVICE BY THE POLICE DEPARTMENT FOR THE
YEAR 1891.

SOCIAL CONDITION, EDUCATION, SEX AND COLOR.

Total number of arrests, 5,156.

Male.....	4,583	Colored.....	186
Female.....	573	Able to read.....	5,136
Married.....	1,560	Unable to read.....	20
Single.....	3,506		
White.....	4,970	Total.....	5,156

AGES.

Under 10 years of age.....	22	From 60 to 70.....	63
From 10 to 20.....	503	From 70 to 80.....	9
From 20 to 30.....	1,800	Eighty and over.....	2
From 30 to 40.....	1,656		
From 40 to 50.....	605	Total.....	5,156
From 50 to 60.....	317		

SUMMARY OF MISCELLANEOUS SERVICE PERFORMED BY THE POLICE
FOR THE YEAR 1891.

Accidents reported.....	194	Sick and injured persons assisted.....	258
Buildings secured, being found open.....	411	Stray teams cared for.....	50
Burglars frustrated.....	6	Street lamps reported broken.....	5
Dead bodies found.....	47	Street lamps reported not lighted.....	3,553
Defective sidewalks reported.....	833	Suicides reported.....	15
Destitute persons cared for.....	11	Water pipes reported broken.....	23
Disturbances suppressed.....	17	Stray horses taken up.....	505
Dangerous places in streets reported.....	16	Stray cows picked up.....	31
Meals furnished prisoners and lodgers.....	3,505	Stray calves picked up.....	8
Nuisances and dead animals reported.....	844	Stray sheep and goats picked up.....	4
Runaway horses stopped.....	35		

PATROL WAGON SERVICE.

Alarms responded to.....	2,703	Miles traveled.....	7,974
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OFFENSES.—STATE.

Total number of arrests for state offenses 1,270, as follows:

Attempted pocket picking.....	2	Keeping house of ill fame.....	249
Abduction.....	1	Larceny from the person.....	2
Adultery.....	10	Maliciously injuring property.....	7
Arson.....	3	Non-support of family.....	23
Assault.....	28	Murder.....	1
Assault and battery.....	252	Obtaining money by false pretense.....	5
Assault and threatening.....	3	Obtaining property by false pretense.....	5
Assault with dangerous weapon.....	2	Personating an officer.....	1
Assault with intent to kill.....	1	Procuresses.....	2
Boarding moving train.....	7	Petit larceny.....	383
Bastardy.....	19	Rape.....	2
Burglary.....	20	Receiving stolen property.....	2
Conspiracy.....	16	Receiving and secreting stolen property.....	3
Contempt of court.....	5	Resisting officer.....	3
Cruelty to animals.....	20	Robbery.....	5
Cruelty to children.....	1	Swindling.....	5
Criminal libel.....	1	Seduction.....	1
Deserter U. S. Army.....	1	Sabbath breaking.....	8
Defrauding hotel keeper.....	1	Slander.....	2
Disturbing religious meeting.....	2	Suspicious characters.....	1
Destroying property.....	5	Violating lottery law.....	1
Embezzlement.....	5	Violating food and dairy laws.....	1
Removing mortgaged property.....	1	Violating fish law.....	13
Forgery.....	8	Violating livery law.....	2
Fugitive from justice.....	4	Violating liquor law.....	2
Grand larceny.....	73	Wearing mens apparel.....	2
Highway robbery.....	2		
Incorrigible conduct.....	21	Total.....	1,270
Interfering with officer.....	4		

OFFENSES.—CITY.

Abusive language.....	33	Violating bathing ordinance.....	1
Bench warrants.....	6	Violating building ordinance.....	10
Peace warrants.....	13	Violating cab and hack ordinance.....	1
Careless and reckless driving.....	31	Violating dog ordinance.....	38
Common prostitute.....	24	Violating express ordinance.....	1
Disorderly conduct.....	440	Violating fire ordinance.....	20
Drunkenness.....	1,809	Violating fire arms ordinance.....	3
Fast driving.....	32	Violating garbage ordinance.....	8
Gambling.....	116	Violating health ordinance.....	1
Indecent conduct.....	4	Violating license ordinance.....	7
Indecent exposure of the person.....	4	Violating liquor ordinance.....	18
Insulting language.....	5	Violating pedlers ordinance.....	1
Keeping disorderly house.....	8	Violating pound ordinance.....	13
Found in disorderly house.....	2	Violating pawnbrokers ordinance.....	10
Keeping gambling rooms.....	16	Violating sidewalk ordinance.....	18
Keeping gambling device.....	2	Violating plumbing ordinance.....	6
No charge.....	6	Violating street ordinance.....	7
Obstructing street.....	40	Violating sundry liquor ordinance.....	10
Selling liquor without license.....	15	Found in house of ill fame.....	5
Saloons open Sunday.....	78		48
Suspicious persons.....	1		
Vagrancy.....	577	Total.....	3,886

HOW DISPOSED OF.

Appealed to higher court.....	51	Remanded to authorities abroad.....	10
Bail forfeited.....	21	Sent to workhouse.....	1,700
Bound over to grand jury.....	112	Held in lockup.....	6
Bound over to keep the peace.....	5	Suicide.....	1
Bound over for trial.....	1	Sentence suspended.....	535
Committed to county jail.....	9	Sent to reform school.....	26
Died in cell.....	1	Continued cases.....	15
Discharged and dismissed.....	768		
Fined.....	1,894	Total.....	5,156
Postponed indefinitely.....	1		

OCCUPATIONS.

Architects.....	1	Errand boys.....	4
Act rs.....	2	Expressmen.....	19
Agents.....	52	Farmers.....	63
Auctioneers.....	2	Finishers.....	3
Bakers.....	24	Firemen.....	12
Barbers.....	56	Florists.....	1
Bartenders.....	53	Furriers.....	1
Bell boys.....	3	Foremen.....	1
Blacksmiths.....	66	Fruit dealers.....	1
Boarding house keepers.....	1	Gamblers.....	3
Boiler makers.....	13	Gardeners.....	3
Book binders.....	2	Gas fitters.....	3
Bookkeepers.....	36	Grocers.....	7
Bootlaces.....	13	Hackmen.....	11
Bricklayers.....	21	Harness makers.....	8
Brokers.....	10	Horse men.....	7
Builders.....	3	Hotel keepers.....	9
Butchers.....	46	House keepers.....	276
Cabinet makers.....	6	House movers.....	6
Carriers.....	3	House work.....	155
Car drivers.....	2	Janitors.....	7
Carriage makers.....	7	Jewelers.....	7
Carpenters.....	113	Laborers.....	2,363
Carpet fitters.....	1	Lathers.....	5
Carvers.....	1	Laundresses.....	2
Cigar makers.....	18	Laundrymen.....	4
Clerks.....	100	Lawyers.....	9
Conductors.....	9	Liquors dealers.....	2
Confectioners.....	5	Livery men.....	3
Collectors.....	1	Machinists.....	43
Contractors.....	10	Manufacturers.....	8
Cooks.....	46	Marble cutters.....	2
Coachmen.....	5	Masons.....	5
Coopers.....	32	Mechanics.....	40
Doctors.....	10	Merchants.....	52
Dentists.....	2	Milk pedlers.....	15
Draymen.....	1	Millers.....	51
Druggists.....	9	Minister.....	1
Dressmakers.....	4	Molders.....	31
Detectives.....	1	Musicians.....	5
Editors.....	1	News agents.....	2
Electricians.....	3	News boys.....	10
Ex-policeman.....	1	Nurses.....	3
Employment agents.....	1	Operators.....	13
Engineers.....	43	Painters.....	90
Engravers.....	2	Paper hangers.....	10

SUPERINTENDENT OF POLICE REPORT.

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Pattern makers.....	1	School girls.....	3
Pawnbrokers.....	1	Second hand dealers.....	4
Pedlars.....	82	Shoemakers.....	48
Photographers.....	3	Sailors.....	11
Plasterers.....	8	Soldiers.....	13
Plumbers.....	39	Steam fitters.....	13
Platers.....	2	Stone cutters.....	25
Pugilists.....	2	Stone masons.....	20
Porters.....	16	Students.....	3
Printers.....	58	Tailors.....	39
Prostitutes.....	76	Teach rs.....	2
Railroad men.....	173	Teamsters.....	83
Real estate men.....	15	Tinsmiths.....	23
Reporters.....	1	Theatrical men.....	2
Restaurant keepers.....	2	Upholsters.....	6
Salesmen.....	23	Veterinary surgeon.....	1
Saloon keepers.....	111	Wagon makers.....	3
Saw filers.....	1	Wailers.....	62
Sawyers.....	2	Washer women.....	9
Special police.....	1	Watch makers.....	3
Scavengers.....	4		
School boys.....	153	Total.....	5,156

NATIVITY.

Australia.....	1	Ireland.....	321
Armenia.....	1	Italy.....	7
Arahia.....	3	New Brunswick.....	3
Austria.....	9	Norway.....	407
Belgium.....	2	Romania.....	6
Bohemia.....	19	Poland.....	7
Canada.....	217	Russia.....	50
China.....	2	Scotland.....	45
Denmark.....	55	South America.....	1
England.....	85	Spain.....	2
Finland.....	20	Sweden.....	537
France.....	17	Switzerland.....	8
Greece.....	30	Wales.....	3
Germany.....	219	United States, white.....	2,914
Holland.....	3	United States, colored.....	186
Hungary.....	3	Total.....	5,156

SUPERINTENDENT'S OFFICE.

SYNOPSIS OF BUSINESS TRANSACTED.

Written complaints investigated.....	2,850
Verbal complaints investigated.....	7,300
Letters and telegrams acted on.....	3,555
Letters and telegrams sent out.....	2,509
Circulars and postals issued.....	2,300
Circulars and postals acted on.....	1,825

EXPENSE FOR 1891.

Pay rolls.....	\$217,741.19
Signal service.....	5,374.52
Property account.....	1,800.86
Fuel.....	1,519.14
Cost maintaining three patrol wagons.....	1,163.74
Feeding prisoners.....	731.76
Lighting.....	1,051.62
Rent, 2d and 3d precincts.....	717.25
Printing and stationery.....	655.48
Nelson & White, judgment.....	540.00
Insurance.....	431.00
Telephone rent.....	327.50
Ice.....	169.15
Telegrams.....	162.73
Incidentals.....	2,192.63
Harvest Festival expense.....	122.66
Total.....	\$234,661.71

CITY OF MINNEAPOLIS.

DETECTIVE DEPARTMENT.

MONTHS.	Amount of personal property reported stolen.	Amount of property recovered.	No. of arrests by detectives.	Number of persons convicted.	Arrests for other cities.	Value of horses and carriages recovered.
January.....	\$3,342.00	\$2,530.00	24	19	2	\$5,800.00
February.....	1,008.00	1,415.00	16	14	.....	4,200.00
March.....	1,573.00	1,311.00	38	17	1	5,300.00
April.....	912.00	810.00	48	22	.....	2,400.00
May.....	666.00	555.00	27	23	2	6,000.00
June.....	310.00	255.00	31	18	1	4,140.00
July.....	2,210.00	1,842.00	46	20	1	4,600.00
August.....	1,922.00	1,602.00	27	18	2	4,600.00
September.....	5,064.00	2,551.00	26	11	1	4,000.00
October.....	2,508.00	2,145.05	24	12	1	8,200.00
November.....	1,240.00	1,075.00	30	13	2	6,200.00
December.....	1,522.00	1,288.00	52	35	2	5,400.00
Total.....	\$21,156.00	\$17,181.00	399	222	15	\$62,040.00

PAWNBROKER'S DEPARTMENT.

MONTHS.	No. of daily reports received.	No. of pledges & purchases reported.	Number of pledges recorded.
January.....	563	2,426	685
February.....	603	2,857	557
March.....	624	3,131	707
April.....	635	3,194	764
May.....	631	3,105	709
June.....	649	2,598	930
July.....	560	2,490	917
August.....	564	2,502	892
September.....	598	2,613	716
October.....	501	2,521	803
November.....	589	2,582	844
December.....	609	3,004	846
Total.....	7,075	33,023	9,470

MUNICIPAL COURT BUSINESS.

The following Municipal Court business was transacted during the year, showing the civil and criminal business, also showing the increase or decrease, per report of

A. J. MULLEN, *Court Sergeant.*

MONTHS.	1890.		1891.		Increase.		Decrease.	
	Civil.	Criminal.	Civil.	Criminal.	Civil.	Criminal.	Civil.	Criminal.
January.....	62	96	78	94	16	.....	.....	2
February.....	49	85	64	82	15	.....	.....	3
March.....	69	97	63	127	14	30	.....	.....
April.....	57	130	80	119	23	.....	.....	11
May.....	47	91	63	113	16	22	.....	.....
June.....	68	141	84	119	16	.....	.....	22
July.....	49	135	79	112	30	.....	.....	23
August.....	64	99	84	131	20	32	.....	.....
September.....	60	125	71	149	11	24	.....	.....
October.....	65	99	56	122	.....	23	9	.....
November.....	51	95	60	113	9	18	.....	.....
December.....	61	114	46	165	.....	51	15	.....
Total.....	702	1,307	848	1,446	146	139	.....	.....

REPORT OF SIGNAL SERVICE AND TELEPHONE DEPARTMENT.

Police Headquarters.

MONTHS.	Calls for patrol wagon.	Fires attended.	Com-plaints.	Calls for officers.	Dead animals reported.	Buildings found open.	Children lost and found.	Calls from officers through boxes.
January	128	18	56	21	34	9	19	11,378
February.....	86	11	31	37	34	17	16	10,386
March	118	7	40	21	49	17	10	12,109
April.....	122	11	65	37	51	18	74	10,902
May.....	124	13	77	43	39	20	83	11,808
June.....	146	9	89	32	31	29	60	12,970
July.....	161	15	115	52	36	19	67	12,422
August	166	8	93	44	27	20	54	12,056
September.....	145	16	105	66	32	17	38	11,709
October.....	174	10	88	46	30	27	38	12,345
November.....	166	15	75	40	18	21	14	12,681
December.....	141	12	67	50	19	19	16	12,337
Total	1,677	146	901	489	388	233	103	143,193

LOCATION OF TELEPHONE BOXES.

First Precinct.

12th and Hennepin avenue.
Grant and Nicollet avenue.
17th street and Nicollet avenue.
15th street and 4th avenue south.
10th street and Nicollet avenue.
19th street and 4th avenue south.
Hawthorne and Lyndale avenues.
6th street and Nicollet avenue.

3d avenue south and 15th street.
7th street and 6th avenue south.
10th street and Chicago avenue.
5th street and 3d avenue south.
7th street and 2d avenue south.
3d avenue south and Washington avenue.
1st avenue north and 1st street.
1st avenue north and 7th street.

Second Precinct.

Box 13, Main street corner 8th avenue NE.
Box 23, Monroe street corner 3d av NE.
Box 31, 9th street corner 3d avenue SE.
Box 37, University av corner 6th av SE.
Box 144, 4th street corner 14th avenue SE.
Main street corner Central avenue.
5th street corner Central avenue NE.

2d street corner 4th avenue NE.
13th avenue corner Main street NE.
Adams street corner Summer street NE.
Central avenue corner 25th avenue NE.
Central avenue corner 18½ avenue NE.
Central avenue corner Summer street NE.

Third Precinct.

No. 1, old box, cor 11th av S & Wash. av.
No. 2, old box, cor 21st av S & Wash. av.
No. 3, old box, cor 8th av S & 4th street
No. 4, old box, cor Franklin & Cedar avs.
No. 5, old box, cor 24th av and 25th st.
No. 6, new box, cor 14th av S and 6th st.

No. 7, new box, cor 11th av S and 8th st.
No. 8, new box, 14th av S & Franklin avs.
No. 9, new box, cor Bloomington & 25th st
No. 10, new box, cor 24th av S & Franklin av
No. 11, new box, cor Minne'ha av & Lake st
No. 12, new box, cor 22d av S & Riverside av

Fourth Precinct.

3d avenue north and Washington avenue.
6th avenue north and Washington avenue
10th avenue north & Washington avenue.
14th avenue north & Washington avenue.
20th avenue north & Washington avenue.
26th avenue north & Washington avenue.

20th and Lyndale avenues.
11th and Lyndale avenues.
6th and Lyndale avenues.
Western avenue and 12th street.
Plymouth avenue and 5th street.

Fifth Precinct.

25th avenue NE and Marshall street.
University avenue SE and 27th street.
Como and 12th avenues SE.
Cedar avenue and Lake street.
Chicago avenue and Lake street.
Chicago avenue and 24th street.
20th avenue north and 24th street.

Plymouth avenue and 12th street.
Western avenue and Cedar Lake.
Lake street and Pleasant avenue.
Hennepin avenue and Lake street.
25th street E and 3d avenue south.
Lowry Hill.

PRECINCTS.

The city is divided into five precincts and they are bounded and controlled as follows:

Headquarters.—1 superintendent, 1 captain, 1 secretary to superintendent, 1 pawnbroker inspector, 6 inspectors, 3 telephone operators, 1 sidewalk inspector.

First Precinct.—1 captain, 1 lieutenant, 5 sergeants, 4 court officers, 58 patrolmen. The precinct is bounded as follows: Commencing at river bank on 1st avenue north, thence along 1st avenue north to Franklin avenue, thence on Franklin avenue to 8th avenue south, thence on 8th avenue south to the river bank.

Second Precinct.—1 captain, 1 lieutenant, 3 sergeants, 36 patrolmen. The precinct is bounded as follows: Commencing at river bank and 14th avenue northeast, thence along 14th avenue northeast to Monroe street, thence along Monroe street northeast to 28th avenue northeast, thence along 28th avenue northeast to Fillmore street, thence along Fillmore to 18th avenue northeast, thence along 18th avenue to Central avenue, thence along Central avenue to Broadway, thence along Broadway to Johnson street, thence along Johnson street to 9th avenue southeast, thence along 9th avenue to 14th avenue southeast, thence along 14th avenue southeast to the river. Also the whole of Nicollet Island.

Third Precinct.—1 captain, 1 lieutenant, 3 sergeants, 37 patrolmen. The precinct is bounded as follows: Commencing at 8th avenue and the river, thence along 8th avenue south to 28th street, thence along 28th street to 21st avenue south, thence along 21st avenue south to Lake street, thence along Lake street to 30th avenue south, thence along 30th avenue south to river bank.

Fourth Precinct.—1 captain, 1 lieutenant, 3 sergeants, 32 patrolmen. The precinct is bounded as follows: Commencing at 26th avenue north and river thence, along 26th avenue north to Lyndale avenue, thence along Lyndale avenue to 1st avenue north, thence along 1st avenue north to the river.

Fifth Precinct.—1 lieutenant, 3 sergeants, 25 patrolmen. The territory patrolled by this precinct covers all the territory outside of the other precincts and extends to the city limits.

POLICE SURGEON'S REPORT.

Major R. R. Henderson, Supt. Police:

SIR:—I have the honor to submit my annual report for the eleven months that I have occupied the office of police surgeon.

Total number of policemen sick during the eleven months.....	467
Number of days' work lost on account of sickness.....	2,030
Number of calls made on sick policemen by the police surgeon.....	1,462
Consultations at the office of the police surgeon.....	583
Calls at lockup, lockup cases and the courts.....	374

Of the 2,030 days lost on account of sickness, 17 men lost time varying in amount from 15 to 67 days; in other words, 17 men caused a loss of 589 days.

I have very rarely found an officer assuming to be sick when he was not sick. All instances of that kind have been the subject of special report to the superintendent.

There are a few men on the force who are afflicted with constitutional weaknesses which should have debarred them from appointment on the force; but they are on, and have been for a long time and should be allowed to remain as they are very efficient and reliable officers. But their presence adds unreasonably to the number of days' work lost on account of sickness.

While I am sure that a more able and gentlemanly set of men is not to be found on the police force of any other city, we have quite a number who give up too easily when they catch cold or feel slightly ill; they are not afraid of bullets, but they are afraid of a common cold, and quit their duty when a cold inaugurates itself instead of going on with the performance of their duties as men in any other position would do.

This criticism, however, must not be taken as applying to the whole force, for there are many officers who have not been on the sick list at all; they have undoubtedly at times felt ill, but they have stuck to their work and said nothing about it, or else applied at my office for treatment which they could pursue and still remain on duty.

It gives me pleasure to state that during the eleven months that I have served as police surgeon I have only discovered two officers who were intemperate.

Very respectfully, your obedient servant,

EDWARD T. GIBSON,

Minneapolis, Minn., Jan. 1st, 1892.

Police Surgeon

REPORT OF SIDEWALK INSPECTOR.

1891.

Number of defective sidewalks reported by F. DeHarven from January 1, to April 15th, 1891.....	47
Number of defective sidewalks reported by John Galvan from May 16th to December 15th.....	720
Dangerous streets reported.....	65
Total.....	832
Sewer accidents investigated.....	29
Accidents of other kinds.....	32
Total.....	61

Respectfully submitted,

JOHN GALVAN, *Sidewalk Inspector.*

In Memoriam.

The following members of the Police Department
have died during the year 1891:

JOHN MOLAN - - - MARCH 3, 1891.

A. H. TREPANIER - - - JULY 15, 1891.

JOHN DAHLGREN - - - NOVEMBER 1, 1891.

LIEUT. JOHN S. J. BEAN - DECEMBER 12, 1891.

ROSTER MINNEAPOLIS POLICE DEPARTMENT.

NAME.	Rank.	Age.	Height.	Weight.	Nativity.	Married or single.	Former occupation.	First appointed.	Promoted.
Headquarters.									
Henderson, R. R.	Superintendent.	50	5.7	140	United States.	Married.	Merchant.	January 1, 1891.	Sergeant May 16, 1884. Lieutenant April 24, 1885. Supt. May 10, 1887. Captain January 1, 1889.
Hein, Jacob.	Captain.	47	5.8	175	Germany.	Married.	Butcher.	June 19, 1878.	August 1, 1887. May 1, 1887. April 11, 1882. April 30, 1886.
George, Fred A.	Inspector.	29	5.10	165	United States.	Married.	Miller.	April 30, 1885.	
Howard, Jas. A.	Inspector.	26	5.10	170	Ireland.	Married.	Lumberman.	June 14, 1882.	
Hankinson, Jas.	Inspector.	37	5.10	190	United States.	Married.	Salesman.	May 12, 1875.	
Hoy, Jno. P.	Inspector.	25	5.10	200	United States.	Married.	Grocery.	April 30, 1886.	
Doyle, Jas. G.	Inspector.	26	5.10	160	Canada.	Married.	Clerk.	August 1, 1886.	
Lawrence, Joseph.	Inspector.	24	6.2	225	United States.	Married.	Lumberman.	April 1, 1883.	
Mallon, M. J.	Inspector.	32	5.10	170	Ireland.	Married.	Newspaper.	October 1, 1889.	
Doyle, M. E.	Inspector.	36	5.11	200	United States.	Married.	Real estate.	March 1, 1891.	June 1, 1886.
Court Officers.									
Mullen, A. J.	Sergeant.	30	5.7	165	United States.	Single.	Newspaper.	April 30, 1886.	January 1, 1887. Resigned Nov. 14, 1887. Reinstated Feb. 20, 1891. Promoted May 1, 1891.
Pierce, Washington.	Sergeant.	26	5.9	172	United States.	Married.	Carpenter.	April 16, 1884.	
Campbell, Jno. C.	Officer.	38	5.7	154	United States.	Married.	Carpenter.	April 16, 1884.	
Byrnes, Jno.	Officer.	40	5.9	180	Ireland.	Married.	Laborer.	April 11, 1887.	
Megaarden, P. T.	Officer.	26	5.9	150	Norway.	Single.	Bookkeeper.	April 30, 1886.	
Ehrlichman, Walter.	Interpreter.	27	5.10	160	Russia.	Married.	Merchant.	February 1, 1890.	
First Precinct.									
Day, D. A.	Captain.	50	5.9	200	United States.	Single.	Lumberman.	April, 1886.	August, 1889.
Coskran, Thos.	Lieutenant.	52	5.10	200	Ireland.	Married.	Lumberman.	May, 1884.	Sergeant May 11, 1887. Lieutenant May, 1889.
Kirkham, S. A.	Sergeant.	45	5.10	225	United States.	Married.	Contractor.	June 1, 1889.	Oct. 1, 1890.
Leonard, John.	Sergeant.	38	5.10	225	Canada.	Married.	Wood turner.	June 14, 1882.	August, 1887.
Mealy, Michael.	Sergeant.	38	6.1	200	United States.	Married.	Lumberman.	April, 1885.	February 22, 1891.
Needham, A. B.	Jailer.	42	5.7	180	United States.	Married.	Farmer.	January, 1883.	
Bradley, Peter.	Jailer.	56	5.10	200	Ireland.	Married.	Lumberman.	June 14, 1882.	
Merc, C. H.	Driver.	47	5.11	213	United States.	Married.	Contractor.	April, 1885.	
McLaughlin, Peter.	Driver.	33	5.10	178	United States.	Married.	Stoker.	December, 1886.	
Reckett, Wm. J.	Patrolman.	39	5.8	160	United States.	Married.	Stone cutter.	November, 1884.	
Brackett, Geo.	Patrolman.	38	5.10	170	United States.	Married.	Expressman.	July, 1890.	
Hewes, Frank I.	Patrolman.	33	5.9	168	United States.	Married.	Carpenter.	July 24, 1889.	
Gambard, John S.	Patrolman.	32	5.9	172	United States.	Married.	Lumberman.	Feb. 1, 1889.	
Ryan, John E.	Patrolman.	28	5.9	158	Canada.	Married.	Transfer agt.	July 1, 1891.	
Martin, Isaac.	Patrolman.	46	5.10	200	United States.	Married.	Ins. agent.	July 1, 1890.	
Tapper, Frank H.	Patrolman.	34	5.9	173	United States.	Single.	Druggist.	Dec. 25, 1891.	

ROSTER MINNEAPOLIS POLICE DEPARTMENT. - Continued.

NAME.	Rank.	Age.	Height.	Weight.	Nativity.	Married or single.	Former occupation.	First appointed.	Promoted.
First Precinct.									
Bacon, B. W.	Patrolman	34	5 11	193	United States.	Married.	Plasterer	May 18, 1887	
Rankins, A. E.	Patrolman	47	9	185	United States.	Single.	Lumberman	May, 1887	{ April, 1885
Kelly, Thos. J.	Patrolman	39	5 10	190	Ireland.	Single.	Painter.	April, 1883	{ Removed May, 1886.
									{ Reinstated April, 1889.
Morrissey, John.	Patrolman	36	5 9	174	United States.	Married.	Nurse.	April, 1886	
Butler, Francis.	Patrolman	31	5 11	210	Nova Scotia.	Single.	Bartender	March, 1891	
Conroy, Anthony.	Patrolman	34	5 10	230	Ireland.	Married.	Laborer	July, 1890	
Delano, L. G.	Patrolman	47	5 10	165	United States.	Married.	Stencil cut'r	July, 1886	
Matchow, Chas.	Patrolman	40	5 10	180	Germany.	Married.	Carpenter.	September, 1891.	
Merrick, Jas. H.	Patrolman	24	5 11	174	United States.	Single.	Electrician.	March 1, 1891	
Goff, Emmett J.	Patrolman	26	6 3	209	United States.	Single.	Electrician.	Dec. 24, 1891	
Gingras, Henry.	Patrolman	32	5 10	210	United States.	Single.	Carpenter.	July 1, 1891	
Johnson, F. M.	Patrolman	32	5 11	222	United States.	Married.	Lumberman.	Feb. 2, 1888	
Shelly, Ole M.	Patrolman	43	6	205	Norway.	Married.	Clerk.	Sept. 1, 1882	
Ryan, Jas. E.	Patrolman	35	6	225	United States.	Married.	Stone cutter.	Sept. 1, 1890	
Volk, Aug. H.	Patrolman	37	5 11	225	Germany.	Married.	Lumberman	April 18, 1883	
Ecklund, Jno. L.	Patrolman	40	5 8	188	Sweden	Married.	Railroad	April 24, 1884	
Sullivan, Jno.	Patrolman	40	5 10	200	United States.	Married.	Laborer	April, 1882	
Garvin, Thos. H.	Patrolman	29	6 1	196	United States.	Single.	Laborer	August 8, 1887	
Ness, Paul P.	Patrolman	32	6	186	Norway.	Single.	Carpenter.	July 5, 1891	
Zalusky, Frank.	Patrolman	38	6	195	Bohemia.	Married.	Cooper.	April 27, 1886	
Flemming, Chris.	Patrolman	30	6	185	United States.	Single.	Coachman.	July 10, 1891	
Brudigan, Henry.	Patrolman	47	5 9	223	Germany.	Married.	Sealer.	June 14, 1882	
Kennedy, M. P.	Patrolman	51	5 7	187	Ireland.	Married.	Blacksmith.	April 16, 1883	
Ozala, Albert.	Patrolman	41	5 6	150	Germany.	Single.	Soldier.	May 1, 1886	
McKenna, Jno.	Patrolman	39	6	245	Ireland.	Married.	Plowmaker.	May 18, 1887	
Hassey, Eliza.	Patrolman	41	6	205	United States.	Married.	Farmer.	July, 1886	
Collins, Thos. L.	Patrolman	32	5 10	220	United States.	Married.	Coachman.	April, 1885	
York, Geo. W.	Patrolman	47	6	195	United States.	Married.	Carpenter.	February, 1889	
Spafford, A. M.	Patrolman	35	6	218	United States.	Married.	Farmer.	August, 1890	
Averill, H. S.	Patrolman	44	5 11	206	United States.	Married.	Foreman.	August 5, 1889	
Farrell, Leroy.	Patrolman	37	5 10	175	United States.	Married.	Blacksmith.	February 1, 1889	
Rutledge, Jas. F.	Patrolman	38	6 2	215	United States.	Married.	Engineer.	July 27, 1889	
Riviere, Geo.	Patrolman	29	6	204	Canada.	Married.	Lumberman	July, 1886	
Mouso, Paul.	Patrolman	34	5 10	249	United States.	Married.	Lumberman	April, 1883	
Noyack, Jas. C.	Patrolman	30	5 10	225	United States.	Single.	Mach. hand	April, 1886	
Maloney, Jno.	Patrolman	40	6 2	200	United States.	Married.	Laborer.	May, 1886	
McNulty, Simon.	Patrolman	45	6	200	Ireland.	Married.	Street car	July, 1889	
White, B. S.	Patrolman	42	5 10	198	United States.	Married.	Laborer.	May, 1885	
Egan, J. M.	Patrolman	39	5 11	215	United States.	Married.	Laborer.	July, 1887	

{ Removed May 1, 1887.
 { Reappointed Dec. 24, '91.

Grattan Jas.....	49	5.9	193	Ireland.....	Married.....	Farmer.....	Aug. 4	
Bahan, Geo. W.....	46	5.11	195	United States.....	Married.....	Painter.....	February, 1889.....	
Courtney, Jno.....	39	5.8	190	Ireland.....	Single.....	Laborer.....	May 17, 1887.....	
Galvan, Jno.....	28	6	174	United States.....	Single.....	Machinist.....	June, 1877.....	
Quealey, P. J.....	28	6	195	Ireland.....	Married.....	Ex. mes uger.....	May 18, 1887.....	
Martin, W. A.....	35	6.2	200	United States.....	Married.....	Surveyor.....	July 15, 1891.....	
McNamara, Thos.....	43	6	200	Ireland.....	Married.....	Laborer.....	April, 1889.....	
Carpenter, Chas.....	28	6.1	220	United States.....	Married.....	Laborer.....	July 23, 1890.....	
Fox, Peter.....	30	5.11	164	United States.....	Single.....	Blacksmith.....	July, 1890.....	Sergeant, April, 76.
Second Precinct.								
Bosworth, W. W.....	54	6	200	United States.....	Married.....	Lumberman.....	May 12, 1875.....	Lieutenant, Jan. 15, 1883. Captain, April 30, 1886.
Lieutenant.....								
Kennedy, Pat.....	52	5.7	172	Ireland.....	Married.....	Merchant.....	April 17, 1876.....	
Dunn, William.....	52	5.10	215	Ireland.....	Married.....	Plasterer.....	May 18, 1884.....	
Cronin, John.....	38	5.10	180	United States.....	Married.....	Lumberman.....	April 1882.....	
Mauren, Nick.....	49	5.11	225	Germany.....	Married.....	Cooper.....	June, 1882.....	
Lavalle, Peter.....	36	6	175	Canada.....	Married.....	Lumberman.....	December 24, 1891.....	
Malone, W. B.....	30	5.9	190	Canada.....	Married.....	Lumberman.....	August, 1880.....	
Ryan, Mike.....	51	5.10	180	Ireland.....	Married.....	Watchman.....	April, 1878.....	Off one year.
Townsend, D. M.....	33	6	200	United States.....	Married.....	Lumberman.....	August, 1890.....	
Michael, Henry.....	38	5.10	175	United States.....	Widower.....	Lumberman.....	February, 1889.....	
Kerr, John.....	43	5.9	183	United States.....	Married.....	Barber.....	June, 1889.....	
Stewart, John G.....	56	6.1	195	United States.....	Married.....	Lumberman.....	December, 1891.....	[July, 1886.
Gluey, Frank.....	44	6.1	185	Norway.....	Married.....	Painter.....	1874.....	Served 1 yr., reappointed
Wald, Odin.....	38	5.11	175	Canada.....	Married.....	Clerk.....	May, 1886.....	[July, 1887.
Tollison, J. Var.....	44	5.10	165	United States.....	Married.....	Carpenter.....	June, 1889.....	Removed '86, reappointed
Hurley, P. J.....	47	5.11	175	United States.....	Married.....	Lumberman.....	July, 1884.....	
Mason, C. E.....	44	5.10	185	United States.....	Married.....	Carpenter.....	August, 1889.....	
Brown, C. E.....	34	5.9	195	United States.....	Married.....	Lumberman.....	February, 1889.....	
Cronin, Mike.....	50	5.7	210	Canada.....	Married.....	Lumberman.....	July, 1886.....	
McQuade, John.....	33	6	180	Prussia.....	Married.....	Papermaker.....	April, 1886.....	
Derrick, D. M.....	35	6	185	Canada.....	Married.....	Carpenter.....	January, 1891.....	
Knudson, Louis.....	46	5.11	210	Norway.....	Married.....	Carpenter.....	June, 1887.....	
Gagne, Frank.....	35	5.9	198	Poland.....	Married.....	Butcher.....	April, 1886.....	
Normand, Alphonse.....	30	5.10	187	United States.....	Married.....	Painter.....	May, 1886.....	
Wiemelt, Henry.....	36	5.11	185	France.....	Widower.....	Engineer.....	June, 1891.....	
Rault, James P.....	40	5.10	170	United States.....	Married.....	Lumberman.....	July, 1887.....	
McNulty, Edward.....	49	5.9	195	Canada.....	Married.....	Carpenter.....	April, 1884.....	Removed 1884, reappointed.
McNulty, Edward.....	38	5.8	180	Ireland.....	Married.....	Plasterer.....	May, 1887.....	
McGowan, Peter.....	46	6	200	Germany.....	Married.....	Carpenter.....	April, 1882.....	
Gordon, E. P.....	32	6.4	215	United States.....	Married.....	Bricklayer.....	March, 1891.....	
Smith, B. F.....	30	6.3	215	United States.....	Single.....	Carpenter.....	February, 1889.....	
Mingo, John.....	42	5.6	172	Germany.....	Married.....	Lumberman.....	August, 1890.....	
Sullivan, James F.....	35	5.10	182	Ireland.....	Married.....	Plumber.....	April, 1886.....	[ed 1886.
Hurley, Pat.....	38	6.1	180	Canada.....	Married.....	Lumberman.....	May, 1887.....	Removed 1884, reappointed.
							April, 1882.....	

ROSTER MINNEAPOLIS POLICE DEPARTMENT.—Continued.

NAME.	Rank.	Age.	Height.	Weight.	Nativity.	Married or single.	Former occupation.	First appointed.	Promoted.
Third Precinct.									
Ness, Louis.....	Captain.....	38	6.1	190	Norway.....	Married..	Cooper.....	April 18, 1883.....	[1, 1885.
Walton, Swan.....	Lieutenant..	51	5.8	180	Sweden.....	Married..	Grocer.....	April 17, 1878.....	April 30, 1886; Serg't Dec.
Allen, Jas.....	Sergeant.....	49	5.11	180	Canada.....	Married..	Blacksmith..	March 29, 1879.....	Lieut., May 1, 1886. Served
Fox, Pat'k.....	Sergeant.....	50	5.10	191	Ireland.....	Married..	Carpenter...	June, 1882.....	1 yr as patrolman from
Gustafson, C. V.....	Sergeant.....	38	5.8	204	Sweden.....	Married..	Carpenter...	April 18, 1883.....	May 1, '70 to May 1, '71.
Schwartz, August.....	Jailor.....	62	5.11	200	Germany.....	Married..	Carpenter...	May 1, 1886.....	Sergeant, Feb. 7, 1889.
Zimmerman, Sam.....	Jailor.....	47	5.5	145	Switzerland..	Married..	Elev. form'n	August, 1886.....	{ '86, reappointed May '87, as
Hoyt, Albert.....	Driver.....	48	5.10	185	United States	Single.....	Cooper.....	May 1, 1886.....	Serg't 2d time Feb. 7, '89.
Collins, R. J.....	Driver.....	38	5.10	169	Canada.....	Married..	Miller.....	August, 1887.....	
Aasgaard, K. O.....	Patrolman...	36	6	185	Norway.....	Married..	Carpenter...	February 18, 1889..	
Auerbach, Henry.....	Patrolman...	29	5.10	195	Roumania....	Married..	St. car con.	July 10, 1891.....	
Brady, Mack.....	Patrolman...	60	5.10	186	United States	Married..	Butcher.....	June 15, 1882.....	Off two years.
Burli, Hans.....	Patrolman...	44	5.11	225	Norway.....	Married..	Lumberman..	April 16, 1882.....	
Caswell, Lendell.....	Patrolman...	45	5.10	220	United States	Married..	Clerk.....	August, 1890.....	
Carlstrom, Daniel.....	Patrolman...	31	5.8	163	Greenland...	Married..	St. foreman..	September, 1890..	
Erickson, And G.....	Patrolman...	30	6.2	205	United States	Married..	Blacksmith..	June, 1889.....	
Gerrish, H. A.....	Patrolman...	43	5.8	198	Sweden.....	Married..	Butcher.....	June, 1889.....	
Gardner, Jno.....	Patrolman...	56	5.10	180	Sweden.....	Married..	Tailor.....	February 15, 1880..	
Guiden, Robt.....	Patrolman...	51	6.1	198	Germany.....	Married..	Carpenter...	May 1, 1886.....	
Hallen, A. T.....	Patrolman...	29	5.5	190	Norway.....	Married..	Clerk.....	July 15, 1891.....	
Halling, Chas. O.....	Patrolman...	39	5.10	180	United States	Married..	Blacksmith..	August, 1890.....	
Hovelsrud, Bernt.....	Patrolman...	37	5.9	185	Norway.....	Married..	Railroad.....	July 14, 1890.....	
Hovelsrud, Ole.....	Patrolman...	40	5.10	170	Norway.....	Married..	Clerk.....	August 26, 1889..	
Hanson, Lars.....	Patrolman...	32	5.11	225	Denmark.....	Married..	Blacksmith..	August 26, 1889..	
Johnson, A. P.....	Patrolman...	33	5.11	200	Sweden.....	Married..	Laborer.....	July 30, 1887.....	
Johnson, Geo.....	Patrolman...	43	6.2	225	Norway.....	Married..	Sawyer.....	May 1, 1896.....	
Johnson, Hans J.....	Patrolman...	33	5.6	177	Sweden.....	Married..	Plumber.....	February 15, 1891..	
Kvitnum, John.....	Patrolman...	47	5.6	240	Norway.....	Married..	Tailor.....	May 1, 1885.....	
Lawler, L. H.....	Patrolman...	41	5.7	160	United States	Married..	Sailor.....	August 18, 1880..	
Martinson, Peter.....	Patrolman...	41	5.10	185	Sweden.....	Single.....	Railroad.....	June, 1884.....	
Nelson, Nels.....	Patrolman...	35	5.11	190	Denmark.....	Married..	Blacksmith..	July 1, 1891.....	
Powers, N. G.....	Patrolman...	50	5.11	215	United States	Married..	Miller.....	May 1, 1891.....	
Quist, Peter.....	Patrolman...	28	5.10	198	Sweden.....	Married..	St. foreman..	July 10, 1890.....	
Savioe, John G.....	Patrolman...	31	6	200	Norway.....	Married..	Lumberman..	June 4, 1886.....	
Shafar, Thos.....	Patrolman...	40	5.9	165	Bohemia.....	Married..	Laborer.....	May 1, 1886.....	
Stevenson, Nels P.....	Patrolman...	36	5.9	165	Sweden.....	Married..	Laborer.....	November 20, 1884.	
Stewart, Mike.....	Patrolman...	46	5.6	165	Germany.....	Married..	Carpenter...	August 1, 1886.....	
Stewart, Jno.....	Patrolman...	43	5.11	182	Denmark.....	Married..	Boiler-maker..	May 1, 1886.....	

ROSTER MINNEAPOLIS POLICE DEPARTMENT.—Continued.

NAME.	Rank.	Age.	Height.	Weight.	Nativity.	Married or single.	Former occupation.	First appointed.	Promoted.
Fifth Precinct.									
Coffin, Fred E.....	Lieutenant ...	35	5.9	180	United States.	Married.	Miller	April 18, 1883.....	{ Sergeant, April 22, 1886; Lieut., July 1, 1890.
Almour, Wm.....	Mounted sergt	34	5.10	182	Canada	Married	Baker.	January 6, 1887....	Mounted sergt May 1, 1891
Linehan, P. W.....	Mounted sergt	35	5.9	165	Ireland	Married	Coachman ..	November 1, 1887..	Mounted sergt Oct. 1, 1891
Gorey, John D. L.	Sergeant	32	5.11	200	United States.	Married	V. Surgeon..	April 15, 1883.....	Sergeant April 26, 1890.
Thompson, C.....	V. S. and Jailer	37	5.8	200	Canada	Married	Painter	February 2, 1889...	
Metzger, Chas.....	Jailer	45	5.11	228	United States.	Married	Contractor ..	June 18, 1880.....	
Deveraux, Marth.....	No't'd patrol	44	5.9	205	Canada	Married	Contractor ..	April 18, 1883.....	
Pickett, D. E.....	No't'd patrol	47	5.10	165	United States.	Married	Contractor ..	April 30, 1886.....	
Guilford, Marcellus..	No't'd patrol	44	5.9	180	United States.	Married	Contractor ..	April 16, 1884.....	
Smeby, Marth.....	No't'd patrol	51	5.10	161	United States.	Married	Merchant	April 30, 1886.....	
Matheson, Henry.....	No't'd patrol	29	5.10	153	United States.	Married	Merchant	April 30, 1886.....	
Roban, E. W.....	No't'd patrol	34	5.6	170	United States.	Married	Cook	April 30, 1886.....	
Williamson, F. J.....	No't'd patrol	38	5.10	157	United States.	Married	Soldier	August 1, 1886.....	
Huntton, N. B.....	No't'd patrol	45	5.8	170	United States.	Married	Plasterer....	June 30, 1887.....	
Provost Amos.....	No't'd patrol	45	5.10	202	Canada	Married	Millman	November 1, 1887..	Off two years.
Robinson, J. H.....	No't'd patrol	45	5.8	172	New Brunswick	Married	Stockman	May 1, 1886.....	
Getchell, H. L.....	No't'd patrol	31	5.11	179	United States.	Married	Nachinst..	June 1, 1889.....	
Shepherd, F. C.....	No't'd patrol	48	5.6	150	United States.	Married	Stockman	April 24, 1885.....	Off two years.
Fox, Wm.....	No't'd patrol	34	5.10	180	Ireland	Married	Stockman	April 1, 1884.....	
Fay, Jno. C.....	No't'd patrol	33	5.10	175	United States.	Married	Nachinst..	June 30, 1887.....	
Johnson, H. J.....	No't'd patrol	34	5.11	190	Ireland	Married	Nachinst..	April 30, 1886.....	
Shean, Jas.....	No't'd patrol	37	5.11	210	United States.	Married	Bridge b'ld'r	June 18, 1880.....	
Fay, Jno. C.....	No't'd patrol	37	6.1	178	United States.	Married	Miller	June 30, 1887.....	
Hannon, Jno.....	No't'd patrol	34	5.8	156	Ireland	Single	Lumberman..	June 30, 1887.....	
Hahn W. H.....	Foot patrol....	45	5.8	186	United States.	Married	Carpenter ..	May 18, 1887.....	
Plumer, R. A.....	Foot patrol....	40	5.10	205	United States.	Married	Millwright ..	February 2, 1889...	
Pohl, H. M.....	Foot patrol....	33	5.10	188	United States.	Married	Clerk	August 1, 1889...	
Bean, A. L.....	Foot patrol....	31	6.1	203	United States.	Married	Engineer	August 1, 1890...	
Drake, F. M.....	Foot patrol....	42	5.10	181	United States.	Married	Carpenter	November 1, 1887...	
Warner, O. A.....	Foot patrol....	35	5.8	175	United States.	Married	Conductor ..	February 20, 1889...	Off nine months.
							Clerk.....	November 1, 1887...	

ANNUAL REPORT
CLERK OF MUNICIPAL COURT.
1891.

JUDGES.

HON. CHARLES B. ELLIOTT, - - - - Judge.
HON. STEPHEN MAHONEY, - - - - Special Judge.

HENRY J. ALTNOW, - - - - Clerk.
A. E. ALLEN, - - - - Deputy Clerk.
ORCAR J. SMITH, - - - - Deputy Clerk.
THOS. E. NEWLOVE, - - - - Stenographer.

COURT OFFICERS.

ALEX. J. MULLEN, - - - - Sergeant.
WASHINGTON PEIRCE, - - - - Court Officer.
JOHN BYRNES, - - - - Court Officer.
JOHN C. CAMPBELL, - - - - Court Officer.
PHIL. T. MEGAARDEN, - - - - Court Officer.
WALTER EHRLICHMAN, - - - - Court Officer.

MUNICIPAL COURT REPORT.

MINNEAPOLIS, MINN., Jan. 9th, 1892.

To the Honorable City Council of the City of Minneapolis:

GENTLEMEN:—I herewith submit the following report for the Municipal Court for the year ending Dec. 31, 1891.

For information regarding the business of my office, I would respectfully call your attention to the accompanying tabulated statements, as shown by the records now on file in my office, viz.:

CONVICTIONS UNDER THE STATUTES.

OFFENSE CHARGED.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Adultery.....	2	1	2	1	3	2	1	1	1	...	3	...	3
Assault.....	12	10	13	14	10	19	13	26	18	11	12	15	173
Assault and battery.....	1	2	...	2	3	2	3	4	5	3	2	...	27
Abusive language.....	1	4	...	1	...	2	...	1	...	2	1	...	12
Bastardy.....	...	...	...	...	...	...	...	...	1	...	...	...	1
Bench warrants.....	3	...	3	2	...	...	2	...	2	...	...	...	12
Burglary.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Buying and secreting stolen property.....	...	...	...	1	...	...	3	2	1	...	1	...	8
Contempt of court.....	2	1	1	1	...	...	1	...	3	2	1	...	11
Cruelty to animals.....	1	1	1	...	...	1	3	1	...	1	...	2	8
Embezzlement.....	...	...	1	2	...	...	...	...	1	...	...	...	4
Forgery.....	...	...	2	2	...	2	...	...	2	...	...	...	6
Fornication.....	3	4	8	3	9	6	5	5	4	2	3	6	58
Grand larceny.....	2	2	4	1	3	2	1	...	2	1	2	20	1
Habitual drunkard.....	1	2	2	1	...	1	...	1	2	...	1	1	12
Health.....	...	...	...	...	...	...	...	...	...	...	...	...	7
Incorrigibility.....	...	...	...	...	...	1	2	1	1	...	1	1	1
Maliciously injuring property.....	...	...	...	...	...	...	...	...	...	...	...	...	1
Murder.....	40	22	25	21	16	15	19	21	24	25	28	45	301
Petit larceny.....	...	...	...	...	...	...	...	1	...	...	...	...	1
Receiving stolen property.....	...	1	...	...	...	...	...	...	...	...	...	...	1
Robbery.....	3	6	5	2	3	8	1	5	10	5	3	12	63
Miscellaneous.....	...	...	...	...	...	...	...	...	...	2	...	2	9
Arson.....	...	...	...	...	...	...	...	...	...	...	9	...	...
Conspiracy.....	68	50	60	54	45	61	53	60	72	50	60	88	757
Total.....	68	50	60	54	45	61	53	60	72	50	60	88	757

[illegible]

RECEIPTS, ETC., OF THE MUNICIPAL COURT, OF THE CITY OF MINNEAPOLIS, FOR THE YEAR 1891.

	Number convicted including grand jury cases.	Number discharged.	Number committed to work house.	Number committed to Reformatory school.	Number committed on sentence to county jail.	Number held to await action of grand jury.	Number of sentences suspended at time of trial.	Number of sentences suspended after commitment.	Total amount of fines assessed.	Amount of fines paid before commitment.	Amount of fines paid after commitment.	Amount of fines paid city as per monthly report, vouchers deducted.	Number of new civil cases commenced.	Amount of fees paid city in civil cases, as per monthly report, vouchers deducted.	Net amount paid city as per monthly reports.	Total cash received from all sources during the year including bail deposited, amount paid into court by officers collected on executions, etc.
January.....	321	36	173	12	12	115	31	31	\$5,734.40	\$2,440.40	\$22.00	\$2,462.40	100	\$203.60	\$2,656.00	\$4,600.63
February.....	264	51	137	9	9	115	25	25	4,139.00	1,841.00	22.00	1,863.00	205	273.70	2,136.70	3,895.67
March.....	352	66	144	10	10	115	38	38	6,791.00	2,692.00	49.00	2,741.00	176	974.50	2,815.50	5,370.94
April.....	307	58	103	10	10	115	45	45	4,775.96	2,549.84	81.00	2,630.84	217	312.62	2,943.46	5,156.56
May.....	294	41	105	10	10	115	47	47	4,580.00	2,288.00	84.00	2,372.00	220	284.03	2,656.03	4,586.06
June.....	357	68	142	10	10	115	60	60	5,697.62	2,805.62	91.00	2,896.62	218	340.52	3,237.14	6,340.96
July.....	376	86	113	10	10	115	63	63	8,889.04	3,827.04	123.00	3,950.04	184	254.55	3,204.59	6,105.76
August.....	372	50	112	10	10	115	68	68	5,703.45	3,549.45	133.00	3,682.45	211	252.70	3,250.80	5,790.05
September.....	376	66	116	10	10	115	74	74	5,703.45	3,549.45	133.00	3,682.45	220	341.40	3,423.85	7,048.96
October.....	358	46	141	10	10	115	54	54	5,983.30	2,944.30	139.00	3,083.30	229	478.83	3,472.73	6,816.73
November.....	449	59	171	4	4	115	54	54	3,253.10	3,065.10	221.00	3,286.10	246	402.98	3,689.08	8,790.39
December.....	506	58	237	4	4	115	45	45	5,549.40	3,418.45	110.00	3,528.45	294	281.80	3,810.25	6,630.21
Totals.....	4382	688	1093	29	29	1115	532	532	\$75,604.89	\$34,043.89	\$1,172.00	\$35,095.73	2,652	3,794.23	\$38,889.96	\$71,330.91

The municipal court is a court of record, and the judges have the general power of judges of courts of record.

It has two judges, one clerk, and two deputies and one stenographer, with one sergeant and five officers for special service.

In the civil department the regular terms are held on the first and third Tuesdays of every month, July and August excepted. Special terms are held every Tuesday throughout the year. Its jurisdiction extends to all suits of law where the amount in controversy does not exceed five hundred (\$500.00) dollars. Where no provision is otherwise made, it is vested with all the powers which are possessed by the district courts of the state, and all laws of a general nature apply to it so far as they can be made applicable, and not inconsistent with the special act creating the court. The jurisdiction is co-extensive with the limits of Hennepin county.

It has no jurisdiction in equity cases, nor in suits involving the title to real estate, nor for divorce.

In the criminal department it has the general jurisdiction of a justice of the peace and exclusive jurisdiction of all offenses against the city ordinances.

It is open every day except Sundays and legal holidays.

The general practice is the same as in district courts, and a jury is in attendance on the second day of every general term, and remains as long as needed.

The business of the court has constantly increased since its organization, and particularly the civil department, which has exceeded that of the preceding year by nearly 13 per cent, while the convictions and arraignments, (total criminal business,) has fallen off about 5½ per cent from that of the preceding year, and felonies, cases that are considered by the grand jury and tried in the district court, have fallen off nearly 13 per cent from the preceding year, and the number committed to the workhouse has likewise fallen off about 1½ per cent from that of the preceding year.

The amount of fees collected in civil cases has exceeded that of the previous year by about 2½ per cent.

The receipts of fines has been less than that of the preceding year by nearly 11 per cent, which fact is due to a large number of cases being appealed to the supreme court, the enforcement of the judgment having been stayed until the final determination in the appellate court. If the fines in these cases had been paid the receipts would this year exceed those of last.

The amount of money collected by officers on execution or paid into court in civil actions was \$4,452.60.

The amount of bail forfeited and paid to bar association \$425.00.

There were 1,321 judgments entered in civil actions, of which 1,004 were entered on default.

The total expenditures of the court for the year amount to \$15,661.60, which does not include court officers' salaries.

The amount of \$40.90 was paid to the county treasurer and \$50 to the state treasurer, being for fines and costs collected in criminal cases, and placed to the credit of the proper funds according to law.

The receipts and amounts paid into the city treasury during the year, in my department, have been \$38,889.96, and the expenditures have been \$15,661.60, being a net gain of \$23,228.36, or the receipts have exceeded the expenditures about 59.7 per cent.

Total amount of money received by me from all sources and paid to the parties entitled thereto, during the past year, has been \$71,330.91.

Respectfully submitted,

HENRY J. ALTNOW,

Clerk Municipal Court.

ANNUAL REPORT
DEPARTMENT OF HEALTH.
1891.

DEPARTMENT OF HEALTH.

City of Minneapolis.

HON. P. B. WINSTON, Mayor.

COUNCIL COMMITTEE:

Alderman H. W. BRAZIE, M. D., Chairman. Alderman J. S. GRAY.
Alderman F. A. SCHWARTZ, Secretary.
E. S. KELLEY, M. D., Commissioner of Health.

EMPLOYES:

C. B. DOLLENMAYER, Chief Clerk.

Medical Inspectors:

W. E. LEONARD, M. D. A. K. NORTON, M. D.
C. A. MCCOLLOM, M. D.

Sanitary Inspectors:

G. J. TURNER,	J. A. ARNESON,	J. S. WOODBURY,
C. S. GETZ,	IRAD. MCCLATCHIE,	R. L. WOODWORTH,
	CHAS. MCALLISTER.	

Quarantine Hospital:

WM. BOYER, Superintendent. MARGARET BOYER, Matron.

Dump Police:

GEO. A. KELLY. A. H. GOODSPEED.

DEPARTMENT OF HEALTH.

To the Honorable P. B. Winston, Mayor, and the Honorable City Council of the City of Minneapolis:

GENTLEMEN:—I herewith submit the annual report of the Department of Health for the year ending December 31st, 1891, and with it such suggestions as seem to me appropriate at this time.

The general health of the city has been remarkably good, the mortuary reports exceedingly low, and contagious diseases mild in character. The continuation of this healthful condition is the object of this department, but to maintain it radical changes must be made. Sewer connections and city water should take the place of cesspools, vaults and wells. Property owners should be compelled by a city ordinance to connect their buildings with sewers and water mains, regardless of expense, when sewers and water mains are within a reasonable distance of their property. The substitution of bricks for pavement instead of cedar blocks is worthy your careful consideration. The draining of Hoags lake, and the abatement of that intolerable nuisance after years of fruitless effort, has been a victory for the department.

The solution of the garbage question has not yet been reached, and the objectionable method of dumping refuse into the river still continues. This is the only available avenue open at present. The quantity dumped is enormous, from 200 to 400 tons per day, consisting of all kinds of refuse, which lines the shores and the bottom of the river, interfering with navigation and contaminating the water for more than ninety miles below our city. To stop this contamination and prevent further pollution our department visited several cities, examining the systems in use, the Merz system, cremation and natural. Some cities have both systems, notably Milwaukee and Detroit. The Merz system plant costs about \$100,000, and the people refused to endure any longer the horrible stench produced and have had injunctions served abolishing the system within the city limits. Crematories can be carried on successfully and effectively without objectionable odors, but it would require about four furnaces to consume our daily refuse. On account of the unsatisfactory conditions of sanitary matters in other cities and their costly experience with that which proved unsatisfactory, our department recommend the adoption of cremation as the least objectionable method. In my opinion the proper solution of this problem will be found in returning all of the material to the farming districts for fertilizing purposes, and steps have already been taken in that direction which I hope will materialize before another year passes.

SCAVENGER SERVICE.

Upon the whole, the scavenger system has been satisfactory to the department. Inspections of wagons have been made at certain times, and the scavengers have endeavored to keep the wagons in good condition.

Owing to the temporary location of the dump the department did not deem it proper to invest several hundred dollars in supplying water for washing the wagons, although realizing the desirability, and as soon as permanent dumping grounds are secured all modern conveniences will be perfected. I am of the opinion that the adoption of a regulation wagon to be used by all persons engaged in the scavenger business, would tend to better sanitation and prevent littering our streets with refuse material. During the past year this department has issued 3,341 permits for cleaning vaults and cesspools.

PUBLIC INSTITUTIONS.

During the year the following public institutions were examined: Northwestern Hospital, City Hospital, St. Barnabas Hospital, Homœopathic Hospital, Bethany Home, Soldiers Home, St. Mary Hospital, Maternity Hospital, Sheltering Arms, House of Good Shepherd, Church Home for Babies, St. Anthony Hospital, House for Aged (Catholic), Quarantine Hospital and Deaconess' Home (Lutheran). Factories and other large institutions where a number of persons are employed daily, are being inspected as rapidly as our limited force will permit. House inspection has received some attention, and during the winter we hope to complete the central portion of the city. So far we have examined 2,924 houses, an increase over any previous year in the history of our city.

QUARANTINE HOSPITAL.

During the past year 35 persons were sent to the Quarantine Hospital. Of this number 25 were suffering from contagious diseases and the 10 others were quarantined to prevent disseminating contagion. There were 9 cases of diphtheria, 4 cases of erysipelas, 5 cases of scarlet fever, 6 cases of measles and 1 case of septicæmia. There were 3 deaths, 1 from diphtheria, 1 from measles and 1 from erysipelas. All medical services were rendered by the medical inspectors and your commissioner, without any special remuneration.

In conclusion, and for your careful consideration, I would refer you to the following tables pertaining to expenditures, sanitation, vital statistics, mortuary reports, work of medical inspectors, etc., evidencing the work done by medical and sanitary inspectors.

EXPENSES OF THE DEPARTMENT OF HEALTH FOR THE YEAR ENDING DECEMBER 31, 1891.

Salaries.....	\$13,653.13	
Drugs and disinfectants.....	332.14	
Vaccine virus.....	15.00	
Postage.....	67.06	
Books, printing and stationery.....	895.22	
Telephone and telegraph service.....	75.00	
Scavenger service.....	1,288.10	
Dumps.....	319.99	
Incidentals.....	623.92	
Blacksmithing and hardware.....	17.58	
Total.....		\$17,287.14

QUARANTINE HOSPITAL.

Salaries.....	\$698.50	
Drugs and disinfectants.....	29.11	
Provisions.....	337.61	
Fuel and incidentals.....	964.49	
Total.....		\$2,029.49
Grand total.....		\$19,316.63
Appropriation for 1891.....	\$25,000.00	
Balance not used.....	5,683.37	

TOTAL WORK OF THE MEDICAL INSPECTORS 1891.

Houses placarded.....	200
Placards removed.....	443
Houses inspected.....	782
Diphtheria inspected.....	249
Scarlet fever inspected.....	756
Measles inspected.....	298
Typhoid fever inspected.....	570
Letters dictated.....	120
Written reports.....	621
Special reports.....	443
Dead animals reported.....	20
Nuisances reported.....	320
Nuisances inspected.....	6
Visits to quarantined animals.....	1

Besides the work shown in the above table, the medical inspectors have done daily duty with the sanitary inspectors, assisted in keeping the records of vital statistics and monthly reports, transcripts of births and deaths for the State Board of Health, special examination of scavenger wagons, factories, public and private buildings, etc.

Respectfully submitted,

E. S. KELLEY, M. D.

Commissioner of Health.

REPORT OF CONTAGIOUS DISEASES AND BIRTHS.
COMPILED BY A. K. NORTON, M. D., MEDICAL INSPECTOR.

DIPHTHERIA.

Number of Cases and Deaths Reported during the Year 1891.

WARDS.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Totals for wards.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
First.....	4	1	1	1	3	2	5	5	1	1	1	1	3	3	1	1	1	1	1	1	4	4	1	1	21	8
Second.....	1	1	2	1	11	4	2	2	3	1	3	1	3	3	1	1	3	2	10	4	4	4	2	2	40	17
Third.....	3	1	1	1	1	1	1	1	3	1	6	1	1	1	1	1	3	1	1	1	1	1	1	1	18	6
Fourth.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	26	9
Fifth.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	47	15
Sixth.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	27	8
Seventh.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	27	6
Eighth.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	46	8
Ninth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	40	11
Tenth.....	10	5	1	1	1	1	3	3	5	4	2	2	2	2	3	3	3	3	12	4	10	2	1	1	52	30
Eleventh.....	1	1	1	1	1	1	3	3	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	3
Twelfth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2
Thirteenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2
Totals for Mch.	34	15	31	12	26	7	20	3	33	13	24	6	22	8	24	4	30	9	48	14	34	5	32	8	353	104

SCARLET FEVER.

Number of Cases and Deaths for year 1891 as Reported.

WARDS.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Totals for wards.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
First.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	41	3
Second.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	45	2
Third.....	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	163	12
Fourth.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	168	12
Fifth.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	41	1
Sixth.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	91	1
Seventh.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	51	1
Eighth.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	73	2
Ninth.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	48	1
Tenth.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	1
Eleventh.....	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	1
Twelfth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	1
Thirteenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	1
Totals for m'th	48	1	25	1	36	1	51	2	51	2	57	3	44	1	57	4	56	1	72	1	104	9	128	15	729	40

MEASLES.
Number of Cases and Deaths Reported During Year 1891.

WARD.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Totals for wards.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
First.....	3	1	11	1	13	1	13	1	3	1	18	1	20	1	3	1	5	1	12	1	1	1	1	1	53	1
Second.....	5	1	9	1	13	1	34	1	65	1	31	1	20	1	3	1	5	1	12	1	75	1	91	1	135	1
Third.....	3	1	2	1	13	1	13	1	18	1	31	1	22	1	3	1	1	1	1	1	9	1	11	1	286	1
Fourth.....	3	1	2	1	18	1	10	1	7	1	15	1	22	1	3	1	1	1	2	1	8	1	18	1	113	1
Fifth.....	3	1	2	1	19	1	10	1	9	1	19	1	33	1	3	1	1	1	4	1	40	1	18	1	82	1
Sixth.....	3	1	2	1	3	1	3	1	6	1	5	1	4	1	3	1	1	1	4	1	7	1	18	1	89	1
Seventh.....	3	1	2	1	19	1	19	1	24	1	31	1	33	1	3	1	1	1	4	1	7	1	18	1	150	1
Eighth.....	3	1	2	1	13	1	5	1	5	1	11	1	15	1	3	1	1	1	4	1	33	1	29	1	73	1
Ninth.....	3	1	2	1	15	1	3	1	3	1	11	1	15	1	3	1	1	1	4	1	33	1	29	1	36	1
Tenth.....	3	1	2	1	19	1	19	1	14	1	17	1	14	1	3	1	7	1	4	1	8	1	1	1	58	1
Eleventh.....	3	1	2	1	2	1	1	1	3	1	1	1	4	1	3	1	7	1	4	1	10	1	1	1	120	1
Twelfth.....	3	1	2	1	1	1	1	1	3	1	1	1	4	1	3	1	7	1	4	1	1	1	1	1	8	1
Thirteenth.....	3	1	2	1	1	1	1	1	3	1	1	1	4	1	3	1	7	1	4	1	1	1	1	1	5	1
Total for m th	20	1	25	1	140	3	140	1	160	2	158	2	66	1	41	1	17	1	23	1	164	2	290	6	1,208	17

DEPARTMENT OF HEALTH REPORT.

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BIRTHS BY WARDS REPORTED DURING 1891.

WARDS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
First.....	12	11	11	5	2	10	19	16	27	23	32	14	187
Second.....	7	8	6	12	14	20	15	9	11	26	19	16	163
Third.....	46	50	46	38	58	59	56	68	57	63	52	43	636
Fourth.....	12	24	21	23	25	33	16	24	32	34	26	25	291
Fifth.....	14	10	11	11	24	28	14	20	18	33	23	25	232
Sixth.....	41	32	35	35	35	39	46	48	45	36	33	26	451
Seventh.....	18	17	21	21	17	19	35	26	21	19	19	16	232
Eighth.....	23	20	29	20	20	26	30	19	18	24	20	22	271
Ninth.....	31	26	25	20	34	21	22	24	35	29	32	21	320
Tenth.....	10	8	7	9	6	17	13	17	11	11	11	16	136
Eleventh.....	30	53	30	36	51	34	44	43	38	32	30	27	448
Twelfth.....	12	9	13	10	10	15	15	4	17	16	13	12	146
Thirteenth.....	7	9	13	4	7	10	7	5	7	8	11	3	91
Not stated.....	8	7	4	4	13	5	3	4	1	....	2	....	51
Total.....	271	283	272	264	321	331	335	327	338	344	323	266	3,675

BIRTHS BY MONTHS, 1891.

BIRTHS BY MONTHS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Males.....	140	137	164	132	164	150	172	174	167	171	156	178	1,905
Females.....	128	144	135	113	129	135	172	206	161	168	127	152	1,770
Twins. { Male.....	1	3	....	2	1	2	5	2	6	4	....	3	29
{ Female.....	3	2	....	2	2	3	4	2	6	3	1	2	30
{ Male.....	5	1	....	2	3	4	3	2	6	2	2	1	31
{ Female.....	....	....	....	....	....	....	....	1	Not	2	....	....	3
Triplets { Male.....	....	....	....	....	....	....	....	1	st'd	1	....	....	2
{ Female.....	....	....	....	....	....	....	....	2	....	1	....	....	3
Unknown.....	....	....	....	1	....	....	1	....	1	2	1	2	7

Since making out monthly report for December we have added births for December 37, and for the year 75, making grand total number of births during the year 3750, which we were unable to tabulate.

REPORT OF SANITARY INSPECTIONS.

C. A. MCCOLLOM, M. D., MEDICAL INSPECTOR.

For the purpose of proper sanitary inspection the city is divided into six sanitary districts. Each district is placed in charge of a sanitary inspector who has police powers and whose duty is to report and examine all nuisances and violations of the sanitary code and perform such other duties as may be intrusted to him, the inspection of complain's being both those examined and reported by himself and all other complaints from all sources which are reported to the office. The report of nuisances reported inspected and completed, including police complaints, house inspections, alley and dumping notices, see tabulated report of inspectors, relating to nuisances, table No. 1.

Part of the duties of the inspectors are, upon the receipt of notification of contagious disease, to placard the house in which said disease is located, and upon recovery of the same to remove the placard and disinfect the house after proper examination by the medical inspector and receipt of their report, also to attend funerals of deaths by contagious diseases. The tabulated report is herewith appended in table No. 2. In addition to the duties already detailed, one of the inspectors has had jurisdiction over glandered horses, has made a specialty of this department, inspected and examined horses on the street and in barns, quarantined, killed, and seen to it that proper precautions have been taken in matters relating to glanders. Tabulated report of number of animals killed, examined, visited and barns inspected is hereby appended in table No. 3. A detailed and itemized report of the various nuisances which have been reported and examined by the force during the year, by wards and months, is herewith appended in tables No. 4 to 16 inclusive.

TABLE No. 1.

TABULATED REPORT OF INSPECTORS RELATING TO NUISANCES.

1891.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
No. nuisances reported.....	113	67	133	873	792	735	472	694	428	473	242	147	5,169
No. nuisances inspected.....	62	44	63	166	480	827	793	862	638	535	400	175	5,044
No. nuisances reinspected....	149	91	115	668	1,032	926	760	815	585	568	272	194	6,205
No. new complaints received	....	....	35	37	244	245	176	163	127	82	34	47	1,190
No. police complaints .....	....	....	72	151	88	99	31	26	24	17	2	....	510
No. houses inspected.....	5	7	20	11	4	2	22	5	15	16	601	1,436	2,144
No. written notices served..	1	....	7	15	2	6	4	3	7	7	4	3	59
No. alley and dumping notices posted.....	16	....	34	121	168	111	66	95	85	119	44	26	885
No. dumping places insp'ed	....	....	1	3	56	29	20	29	15	16	4	1	174
No. dead animals reported..	32	18	65	105	80	54	38	29	32	58	32	12	555
No. letters, etc., delivered...	80	130	176	214	177	179	115	133	124	176	192	144	1,840

TABLE No. 2.

TABULATED REPORT OF INSPECTORS RELATING TO CONTAGIOUS DISEASES.

1891.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Houses placarded, diphtheria...	20	23	20	17	20	15	19	29	23	31	217		
Houses placarded, scarlet fever.	24	38	31	39	25	29	32	43	66	106	433		
Houses placarded, measles...	74	77	84	115	44	31	19	110	177	743			
Placards removed, diphtheria...	17	15	9	14	12	13	14	10	15	22	141		
Placards removed, scarlet fever	16	19	32	23	27	25	31	31	35	55	304		
Placards removed, measles...	37	40	40	62	65	25	19	5	37	150	489		
Houses disinfected, diphtheria...	19	16	20	15	16	17	27	24	19	26	199		
Houses disinfected, scarlet fever	23	14	25	32	30	26	31	30	54	58	233		
Houses disinfected, measles...	2	3	4	3	3	4	4	12	13	18	70		
Funerals attended.....	2	3	4	3	3	4	4	12	13	18	70		

TABLE No. 3.

TABULATED REPORT OF INSPECTORS RELATING TO GLANDERS.

1891.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Animals examined on st & barns	26	10	4	3	12	4	13	10	66	123	76	27	
Quarantined animals visited	1	4	1	3	12	4	13	10	28	45	3	16	
Quarantined animals killed	1	4	1	3	12	4	13	10	17	15	12	4	
Barns inspected	26	10	4	3	12	4	13	10	37	71	52	34	

TABLE No. 4.

TABULATED ITEMIZED REPORT OF INSPECTORS RELATING TO
NUISANCES, 1891.

WARD No. 1.

[illegible]

TABLE No. 4—Continued.

WARD No. 2.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Manure				19	17	3	10	5	3	2	3		62
Dirty alley					3	1							4
Garbage in street or alley					1							1	2
Garbage in yard				3	18	6	3	2			1		33
Filthy alley or basement			1		1								2
Slops in street or alley												1	1
Slops in yard				2	3	3		2	2				12
Inspector wanted			2		3		2						7
Ashes in yard					3								3
Filthy vaults			2	2	9	10	11	2	2	1	6	1	46
Filthy cesspools							3	1	1	1	4		10
Filthy premises				1	3		2	1					7
Butcher's offal					1								1
Grocer's rubbish					12								12
Rubbish					12			1	2				5
No cause for complaint												1	1

WARD NO. 3.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Manure		1	2	54	75	48	38	33	29	26	4	1	311
Dirty alleys					1	4	2	2		2			11
Dead animals						1	2	1			1		6
Garbage in street near alley	8	2	12				1		1	2	3		29
Garbage in street near yard	3	1	3	45	55	60	28	26	34	25	4	8	292
Filthy cellar or basement			1	3		1				2	2		9
Slops in street or alley	2	6	11		5	4	4		2			3	57
Slops in street or yard			1	1	4	3	3	1	2	7	1		23
Inspector wanted	2		2	1	11	12	6	2	1	1		2	40
Swill			3			1							3
Ashes in street or alley	2	2	3										7
Ashes in yard					1								1
Filthy vaults	1	2	12	29	32	35	30	41	39	44	26	14	305
Buried vaults					3		1	2					6
Filthy cesspools	1	1		10	12	7	4	11	1	7	4	3	61
Filthy premises				3	3		11	2	1	6	1	1	28
Butchers' offal				1							1		2
Grocer's rubbish		1	1		1			6		2			11
Dumping on street or lot				2		1							3
Filthy water closets												1	1
Rubbish					1	3		1					5
No cause for complaint							14			1			15
Butchers killing calves				1									1
Stagnant water										2			2
Keeping doves										1	1		2
Referred to plumbing inspector							1	1					2

WARD NO. 4.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Manure		1	3	66	33	32	20	24	15	23	18	3	238
Dirty alley				30	7	8	7	2	3	3	2	1	63
Dead animals				2	1	1	2	2			1		9
Garbage in street or alley	4			7			1	3		3			19
Garbage in yard	3	7	19	83	40	42	28	35	20	16	13	9	315
Filthy cellar or basement	1			8	2	1			1	1	4		19
Slops in street or alley	7	1	1	3	1	3			1	1	4	1	25
Slops in yard			2	4	2	7	4	2		1	2		24
Inspector wanted	1		2	5	6	3	8	5	2			2	34
Swill						1			1				2
Ashes in street or alley	2	3											14
Ashes in yard	1		2	22	13	7							49
Filthy vaults	2	4	12	45	19	26	28	41	28	20	22	18	265
Filthy cesspools	1			8	9	7	7	9	3	2			49
Filthy premises	1			33	22	11	12	10	11	5	3	3	111
Butcher's offal	2	1		2	1				1	1			9
Grocer's rubbish				3	7	20	7	8	4	1			50
Dumping on street or lot			2	2	2								6
Filthy water closets	3	4	2	1	4		2		2	1			19
Rubbish	2			3	2	2	4						13
No cause for complaint					2	1	1	5				2	11
Filthy drain pipes, etc.				3									3
Rotted cheese cases						17							17
Old wells, used as cesspools								7					7
Damaged fruit cases						50	24		20				94
Referred to plumbing inspector							2	3					5

TABLE NO. 4.—Continued.

WARD NO. 5.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Filthy cisterns.....						2		5	1				8
Manure.....	120	1	3	28	68	38	14	12	22	18	16	6	228
Dirty alley.....				10	19	4	2	4	6	5			52
Dead animals.....		1		1		2						1	5
Garbage in street or alley.....	1								1				2
Garbage in yard.....	7	7	9	61	71	36	21	37	28	21	12	8	318
Filthy cellar or basement.....			1			3	1	1		1			6
Shops in street or alley.....	6			1			1	4	2	1		3	18
Shops in yard.....	2					5	4	1		1			13
Inspector wanted.....	5		1	4	6	6	4	2	3	1	1		33
Swill.....			1	1		6							8
Ashes in street or alley.....	1				1								2
Ashes in yard.....			2	27	10	2		2	1				42
Filthy vaults.....	2	4	1	13	34	41	37	44	38	46	31	35	326
Filthy cesspools.....	1		1	3	13	3	11	3	2	5	5	2	48
Filthy premises.....		1	1	22	18	27	11	12	4	2	5	2	105
Butchers offal.....												1	2
Grocer's rubbish.....					1	2							3
Filthy water closets.....		1		3			1	2	1	1	1	1	11
Rubbish.....				3	4	1	3	5	1	1		1	20
No cause for complaint.....					4	4	5	4	8	4	1	1	31
Filthy dairy.....					1								1
Filthy store.....					1								1

WARD NO. 6.

Manure.....		5	17	7	11	2	2	24		4	5		70
Dirty alley.....							1						2
Dead animals.....													1
Garbage in street or alley.....	2												3
Garbage in yard.....			1	25	43	35	22	39	14	22	1		198
Filthy cellar or basement.....					5		1	2		1			9
Shops in street or alley.....	18	10	1		1			2	2	2			37
Shops in yard.....				1		1		2	1	1			7
Inspector wanted.....				9	4	20	5	1	3				42
Ashes in yard.....													1
Filthy vaults.....	1			18	35	22	14	105	15	24	12	6	262
Filthy cesspools.....		1		1	4	6	2	10	1	6	1		32
Filthy premises.....			1	2	5	4		1	4	2			24
Butcher's offal.....			1	2		2		1	1				7
Grocer's rubbish.....													1
Filthy water closets.....			1		3		2						6
Rubbish.....					1	1			1	1	1		5
No cause for complaint.....				4	2	3	5	3	6	2	1		26

WARD NO. 7.

Filthy houses.....						3							3
Manure.....	8	4	15	49	22	49	23	15	11	10	2		209
Dirty alley.....	2			6	4	6		4		1			25
Dead animals.....			1										1
Garbage in street or alley.....			2	29		1							33
Garbage in yard.....				10	32	52	21	4	4	4	2	3	123
Filthy cellar or basement.....								1	1				2
Shops in street or alley.....			1			1	1						3
Shops in yard.....			2			2							7
Inspectors wanted.....				3		2							7
Ashes in street or yard.....				5	1	5	4					1	16
Filthy vaults.....	5	5	1	11	26	29	16	15	8	3	4		123
Buried vaults.....													1
Filthy cesspools.....						1	7	1					9
Filthy premises.....				1	3	1							5
Butcher's offal.....							1						1
Dumping on street or lot.....											1		2
Filthy water closets.....				1	1		2						4
Rubbish.....				1		2	6						10
No cause for complaint.....				2	2	6				1			11
Open drain.....					3								3

TABLE NO. 4.—Continued.

WARD 8.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total
Filthy cisterns.....						1							1
Manure.....	2	6	9	94	87	53	40	47	29	47	11		425
Dirty alley.....		1	1	26	20	10	8	12	8	12	3		101
Dead animals.....				3									3
Garbage in street or alley.....				2				5	6	3			19
Garage in yard.....	1		20	70	24	16	22	20	13	17	1	3	297
Filthy cellar or basement.....			1	1	1								2
Slops in street or alley.....	1		1	1	5	2		8			1		28
Slops in yard.....				6	4	3	1	9		1		1	26
Inspector wanted.....			1		1			2			1		7
Swill.....									1				1
Ashes in street or alley.....				15		2			1				19
Ashes in yard.....			6	44	21	7	2	1					81
Filthy vaults.....			3	18	13	10	25	31	43	18	6	15	182
Filthy cesspools.....				1	5	2	1	4	3	4		2	22
Filthy premises.....				27	28	6	4	5	11	3	1	1	96
Butcher's offal.....				1					1				1
Dumping on street or lot.....	1			9				1		2			18
Filthy water closets.....				1	11	2							13
Rubbish.....				1	3	9				3	2	3	23
No cause for complaint.....	1			2		3	1	2		3			12

WARD NO. 9.

Filthy stables.....							1						1
Manure.....	2	1	2	51	19	17	13	8	30	13	4		160
Dirty alley.....	1			4	1		2	2		2			12
Garbage in street or alley.....			1	2	1					2	1		7
Garbage in yard.....	1		2	35	10	18	6	21	6	12			112
Filthy cellar or basement.....				2									2
Slops in street or alley.....		1	1		5	2	3	8		4			25
Slops in yard.....					1								3
Inspector wanted.....	1			5		2	2		1	3			15
Swill.....				1	1	1	1	1	1				7
Ashes in yard.....				1									1
Filthy vaults.....		2	2	19	8	22	8	8	12	14	1	2	96
Wurled vaults.....				1				2					3
Filthy cesspools.....						4		1	8	3		1	18
Filthy premises.....		1		2		6							9
Butcher's offal.....					1	1		1	1				4
Dumping on street or lot.....					1	2							3
Filthy water closets.....					1								2
Rubbish.....							2						6
No cause for complaint.....	1							1	2				4
Filthy dairy.....	1						2						3

WARD NO. 10.

Manure.....	1			3	7	6	1	2		1			21
Dead animals.....						1							1
Garbage in yard.....		2		2	2	3	11			1			21
Slops in street or alley.....				1		1	2	2			1		5
Inspector wanted.....						1	2						4
Filthy vaults.....		7		2	2	2	11	2		3			30
Wurled vaults.....						1							2
Filthy cesspools.....													2
Filthy premises.....										1			1
Butcher's offal.....							1						1
Dumping on street or lot.....							1						1
Rubbish.....							1						1

TABLE No. 4—*Concluded.*

WARD No. 11.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Manure	11	4	15	23	35	12	6	16	14	13	2	4	154
Dirty alley				4	1	1	3		1	1			11
Dead animals					2				2				4
Garbage in street and alley		1				2	1						4
Garbage in yard	2	2		13	23	23	3	16	14	17		2	114
Filthy cellar or basement.		1					1					1	3
Slopes in street or alley	9	1		2	1		2	1		2		1	19
Slopes in yard	1				2								3
Inspector wanted	1					4		2	1				8
Ashes in street or alley				2	1								3
Ashes in yard				4									4
Filthy vaults		5	3	13	8	23	16	47	19	28	13	1	176
Filthy cesspools	1			9	6	2	4	3		3			28
Filthy premises		1		3	3	3	4	4				1	19
Butcher's offal						1	1			1			3
Rubbish						1		1					2
No cause for complaint	1			1	2	8	4	8	3	1			28

WARD NO. 12.

Manure			2			2	4			1			9
Dirty alley					2								2
Garbage in yard	1					2	2			2			7
Filthy vaults								4	4				9
Buried vaults							1						1
Filthy cesspools								2	2				4
Filthy premises							1						1
No cause for complaint	1												1

WARD NO. 13.

Manure		2		6	3		7		2	2			22
Garbage in yard			2	5			2						9
Ashes in yard				1	2	1							4
Filthy vaults							2		4				6
Dumping on street or lot					1	2							3
Rubbish						1							1

THE MORTALITY TABLES.

COMPILED BY

WM. E. LEONARD, M. D., MEDICAL INSPECTOR.

These tables have been compiled with the greatest possible care, and will be found to contain much valuable and reliable information concerning the causes of death in Minneapolis during the year 1891, and, by comparisons, during previous years.

The classification of diseases upon which these are based, while "as scientifically correct as our present knowledge will permit" (former report of this department), scarcely answers all the detailed needs of a larger and more varied population, and will therefore be somewhat remodeled at the beginning of the coming year, thus corresponding with the tables sent out by the largest cities of this country.

This department experiences the same difficulties that like authorities do in all large cities in the collecting of statistics, viz., chiefly the issuance of careless certificates of death by the physicians. However, as the department continues to exercise close scrutiny over all certificates, there is evident more and more care upon the part of those issuing the same. The department earnestly requests, as have former officers, that such care continue, as it is not their desire to put in force the regulations necessary in larger cities, viz., the service of a police officer upon the physician who issues an incomplete or incorrect certificate, rather than as now, much trouble upon the part of the undertaker.

It will be noticed that all premature and stillbirths are now taken out of the monthly and yearly summaries, which is the more usual custom. Even with these added, we would still have reason to be very proud of our annual death-rate, which has steadily decreased in the last ten years from 25.3 per 1,000 in 1883 to 10.4 per 1,000 in 1891. (See Mortality table, No. 11.)

The coroner still certifies to many more deaths than the list of accidental and violent means would imply, mainly, as in years past, because of the delivery of so many stillbirths by incompetent midwives whose certificates of death cannot be accepted by the department. This discrepancy should be less as the new law of the last session of the legislature regulating the practice of midwifery is gradually enforced.

The table of comparisons of the principal causes of death (see Mortality table, No. 10) shows that as a city, we have not yet by any means reached an ideal state in sanitary matters, since the third, fourth and sixth most frequent causes of death are cholera infantum, diphtheria and typhoid fever, all preventable diseases. It is the constant aim of the department by their daily medical inspections to teach the citizens the absolute relation constantly existing between filth and disease, and, while this task is truly herculean, we think we can see some signs that the lesson is being

heeded. Main factors in this unfortunate mortality, literally "a slaughter of the innocents" in some sections of the city, is the cesspool system of the average householder, and, more commonly, the use of well-water polluted by drainage from an adjacent privy vault or cesspool. These cannot be remedied to any great degree until this department sees its way to a wholesale condemnation of such wells, and consequently compels householders to drink better water, and until the city council sees fit to compel sewer connections wherever a street sewer exists. If it were true that we had in Minneapolis a yearly mortality of either 127 (cholera infantum), 106 (diphtheria) or 93 (typhoid fever) from small pox, our population would melt away like dew before the summer sun; and yet these diseases are almost as preventable by cleanliness, and evidently far more fatal, than small pox.

MORTALITY TABLE NO. 1.

Mortality 1891—Summary.

CAUSES OF DEATH.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals, (Diseases.)
CLASS I—														
General diseases.....		82	67	89	67	76	81	133	95	78	82	68	79	997
Order 1. Preventable diseases.		69	51	62	50	60	59	105	75	65	60	54	60	770
2. Constitutional diseases		7	12	23	10	11	22	24	16	9	19	12	13	178
3. Miscellaneous diseases		6	4	4	7	5	....	4	4	4	3	2	6	49
CLASS II—														
Local diseases.....		93	85	168	99	79	69	89	82	54	73	66	98	1,055
Order 1. Nervous system.....		20	20	31	29	22	16	19	29	11	25	13	21	256
2. Respiratory system		36	33	100	44	26	17	17	10	13	16	22	40	374
3. Circulatory system....		12	13	11	8	6	12	10	4	8	9	11	23	127
4. Digestive system		16	8	18	7	16	18	36	32	14	12	10	7	194
5. Glandular system		4	3	3	5	2	....	3	1	3	3	2	3	31
6. Genito-urinary sy't'm		5	8	5	6	7	4	7	4	7	8	7	5	73
CLASS III—														
Accidental and violent means.....		10	6	5	9	16	12	8	11	14	11	14	9	125
Totals, (months)		185	158	262	175	171	162	230	188	146	166	148	186	2,177
Premature births...	Male	60	51											
Still births.....	Female	89	57											
Total.....		149	108											
		20	21	18	23	23	23	27	27	14	24	15	22	257

MORTALITY TABLES, 1891.—DETAILED STATEMENT.

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CLASS I.—General Diseases.													
ORDER 1.—Preventable Diseases.													
Typhoid fever.....	12	5	4	3	4	4	4	10	17	10	11	5	93
Diphtheria.....	15	12	9	3	13	7	8	4	9	14	5	7	106
Measles.....	1	3	1	1	2	2	1	1	1	1	6	17	39
Scarlet fever.....	1	1	1	1	3	3	4	1	1	9	14	29	29
Whooping cough.....	2	1	5	3	7	3	3	3	1	1	1	19	19
Cerebro spinal meningitis...	2	1	1	1	1	1	5	1	1	1	1	12	27
Cholera infantum.....	1	4	1	1	2	2	54	31	17	5	3	1	127
(a) bottle fed.....				1	2	7	13	9	5		3		40
(b) breast fed.....						1	1	4	1	1			8
(c) not stated.....	1	4					40	18	11			1	79
Septicaemia.....	1						12			1		3	7
Pyæmia.....			1	1	1			1		1	1		6
Puerperal fever.....					2		1			1			5
Puerperal peritonitis.....	3	1	1		2	1							8
Puerperal septicaemia.....	1	1			1	1	1	1	1	1	1	3	12
Puerperal convulsions.....	1				1								3
Pulmonary phthisis.....	24	25	27	24	19	22	23	11	12	20	17	13	237
Other tuberculosis.....	7	2	5	5	2	8	6	4	4	2	2	5	52
General tuberculosis.....			1	1		4	2	2	3	1		1	15
Tubercular meningitis.....	7	1	3	3		3	1	2			1	2	22
Tubercular peritonitis.....				1		1	1						3
Tubercular caries.....					1								1
Tabes mesenterica.....		1	1		1		2		1	1		1	8
Laryngeal phthisis.....						1					1	1	3
Erysipelas.....			1	1	2	1		1		2		1	9
ORDER 2.—Constitutional Diseases.													
Cancer.....	2	5	8	4	7	9	4	4	4	7	4	3	61
Cancer of face.....			1		2						1		5
Cancer of oesophagus.....						1							1
Cancer of lungs.....					1			1					2
Cancer of breast.....		1		1		1							3
Cancer of neck.....											1		1
Cancer of stomach.....				2	3	2	3	1		2	1	1	15
Cancer of pancreas.....						1							1
Cancer of liver.....		1	1		1				1	2			6
Cancer of mediastinum.....		1											1
Cancer of bowels.....	1		1			1	2	1	1				7
Cancer of mesentery.....								1					1
Cancer of omentum.....		1	1										2
Cancer of uterus.....	1	1	2			2				2	1	1	10
Cancer of ovaries.....			1			1							2
Cancer of bladder.....								1					1
Cancer of rectum.....				1									1
Cancer of thigh.....			1									1	2
Hereditary syphilis.....					1	1	2			1	2		7
Scrofula.....			1										1
Marasmus.....	5	6	12	5	3	8	17	11	4	9	6	9	95
Rachitis.....						1							1
Morbus coxarius.....									1				1
Spina bifida.....			1						1				2
Gangrene.....				1		1	1	1		1			5
Eczema-general.....			1										1
Rheumatism.....		1				2							3
ORDER 3.—Miscellaneous.													
Old age.....	4	2	4	6	3		2	4	4	3		5	37
Alcoholism.....	1												1
Internal hemorrhage.....	1												1
Mastoid osteitis.....		1										1	2
Psoas abscess.....				1									1
Malformation.....					1								1
Epistaxis.....					1						1		2
Hernia (strangulated).....							2				1		3
CLASS II.—Local Diseases.													
ORDER 1.—Nervous System.													
Cerebral congestion.....	2		5	3	4	2	5	3		3		2	29
Convulsions.....	8	7	8	8	8	5	5	4	3	3	5	6	70
Hydrocephalus.....		2	1	1		1		3		2	1		11
Meningitis.....	8	10	10	8	4	5	11	4	9	2	8		78
Cerebral softening.....	1		1		1	1		1	2	1	2		10
Cerebral abscess.....			1	1									2
Cerebral hemorrhage.....												1	1
Paralysis.....		1	3	1		2		5		4			19
Hemiplegia.....							1						1

MORTALITY TABLES, 1889—Continued.

CAUSES OF DEATH.	January....	February..	March.	April.	May.	June.	July.	August.	September..	October.	November.	December.	Total.
Tumor of brain.....										1	1		2
Spinal meningitis.....													3
Acute myelitis.....				1			2	1			1		4
(Osteo-myelitis.....			1						1				2
Spinal congestion.....							1						1
Locomotor ataxia.....				1				1					2
Paralysis agitans.....		1	1										2
Trismus nascentium.....				1	1				1	1			5
Epilepsy.....		2									1		3
Acute mania.....	1												1
General dementia.....						1				1	1		3
ORDER 2.— <i>Respiratory System.</i>													
Congestion of lungs.....	16	17	65	22	17	8	2	2		1		2	7
Acute pneumonia.....	17	15	19	8	3	4	5	3	10	13	18	29	230
Capillary bronchitis.....						2					3	6	8
Pulmonary hemorrhage.....	1											1	4
Pleurisy.....			2		1	1							5
Asthma.....			1	1	1					1	1		5
Empyema.....						1							1
Atelectasis.....	1		2		2	1							6
Emphysema.....							1						1
Abscess of lungs.....					1								1
Edema of lungs.....		1											1
Laryngitis.....											1		1
Chronic bronchitis.....			2	1									3
Edema of glottis.....			1	1							1		4
Laryngismus stridulus.....													2
Croup.....					1								1
Laryngeal obstruction.....													1
Epidemic influenza.....		6	11										17
ORDER 3.— <i>Circulatory System.</i>													
Endocarditis.....	1		1	2		2	2		1	1		2	12
Valvular heart disease.....	5	5	7	5	4	7	4	3	2	6	6	14	68
Cyanosis.....		1	1	1	1		1			2	1	3	11
Angina pectoris.....			1			1						1	3
Fatty degeneration of heart.....												1	5
Dilatation of heart.....			1				1					1	3
Aneurism of horta.....		1									1	1	3
Atheroma.....					1								1
Apoplexy.....		3											3
Embolism.....						1	1	5		3	1		16
Cardiac thrombosis.....	1												2
Cardiac dropsy.....	2	1											3
Hemophila.....		1											1
ORDER 4.— <i>Digestive System.</i>													
Gastritis.....			1		1								2
Hemorrhage from stomach.....			3	1									4
Ulcer of stomach.....	1						1						2
Gastro-enteritis.....	8	6	4	5	5	6	17	7	8	7	2	2	77
(a) Infants, breast fed.....		2	1				2	2	1			1	9
(b) Infants, bottle fed.....		1	1	2	3	5	10	2	2	1	1		28
(c) Infants, not stated.....		8					3	3	3	5	1		20
(d) Persons over 3 years.....			3	2	3	2	1	2	3	2	1	1	20
Enterocolitis.....						5	7	13			4	2	31
Ileo-colitis.....									2				2
Chronic Diarrhœa.....	2				1			1					4
Cholera morbus.....							2		1	1			4
Peritonitis.....			3		4	6	3	4	2	4	1	3	30
Appendicitis.....							1				2		3
Dysentery.....	1	1	3	1	2	1	4	6	1				21
Intussusception.....	2												2
Intestinal obstruction.....			1		2		1			4			4
Inflammation of bowels.....			2										2
Abdominal tumor.....	1												1
Pericnious anæmia.....	1	1	1		1			1					5
ORDER 5.— <i>Glandular System.</i>													
Inflammation of liver.....	2	1	2		1	2					1		10
Cirrhosis of liver.....				3				2					5
Atrophy of liver.....									1				1
Abscess of the liver.....					1								1
Diabetes mellitus.....		2		1				1		3	1		8
Icterus neonatorum.....			1										1
Biliary calculi.....	1												1
Exophthalmic Goitre.....	1												1
Jaundice.....											1	1	2
Hodgkins' disease.....												1	1

MORTALITY TABLES, 1889—Concluded.

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ORDER 6.—Genito-Urinary System.													
Cystitis.....	1	...	...	12	1	...	3	1	...	...	...	1	9
Ulceration of bladder.....	...	12	12	12	...	1	12	1	32	4	12	12	121
Nephritis.....	4	4	12	1	5	3	1	...	32	12	12	12	128
Bright's disease.....	...	1	...	1	1	...	1	...	1	...	12	12	7
Uraemia.....	...	...	1	...	...	...	...	...	...	...	12	12	1
Amyloid Kidneys.....	...	...	1	...	...	...	...	...	...	...	...	...	1
Cellulitis.....	...	1	...	...	...	...	...	...	...	...	...	...	1
Ovarian tumor.....	...	...	...	...	...	...	...	...	...	1	...	...	1
Ovarian abscess.....	...	...	...	...	1	...	...	...	...	...	...	1	1
Tubal pregnancy.....	...	...	...	...	...	...	...	...	1	...	...	...	1
Vomiting of pregnancy.....	...	...	...	...	...	...	1	...	...	...	...	...	1
Metritis acute.....	...	...	...	...	...	...	...	...	...	...	1	...	1
CLASS III. Accidental and Violent Means.													
Abscess of liver (injury).....	...	...	...	...	...	...	...	1	...	...	...	...	1
Asphyxia.....	1	...	1	1	2	2	...	1	...	...	1	...	9
Burns and scalds.....	...	1	...	12	...	...	...	...	...	2	...	...	5
Cerebral effusion (injury).....	...	1	...	...	...	...	...	...	...	...	...	...	1
Concussion of brain.....	...	...	...	...	...	1	...	...	1	...	...	...	2
Cut throat (suicidal).....	...	...	...	...	...	...	...	...	...	...	1	...	1
Drowning (accidental).....	...	...	...	12	12	5	...	2	...	...	1	1	13
Drowning (suicidal).....	...	...	...	...	...	...	...	...	1	...	...	...	1
Fracture of femur.....	...	...	...	...	...	...	...	...	1	...	...	...	1
Fracture of pelvis.....	...	...	...	...	...	...	...	...	1	1	...	...	1
Fracture of skull.....	2	...	...	1	2	...	1	3	1	1	1	...	12
Fracture of spine.....	...	...	...	...	...	...	...	...	...	1	2	1	4
Gun shot (accidental).....	...	...	...	...	1	...	...	...	...	...	...	...	1
Gun shot (suicidal).....	...	1	...	...	1	1	...	...	2	...	2	...	7
Hanging (suicidal).....	...	...	...	1	...	1	1	...	...	...	...	...	3
Hemorrhage (abortion).....	...	...	...	...	...	...	...	...	1	...	...	...	1
Hemorrhage (umbilical cord).....	...	1	...	1	...	...	...	...	...	...	...	...	2
Hemorrhage (injury).....	...	...	...	...	...	...	...	1	...	1	...	...	2
Hemorrhage (surg. operation).....	...	1	...	...	...	...	...	...	1	...	1	...	3
Hemorrhage (uterine).....	1	...	...	...	...	...	...	...	...	1	...	...	2
Operation for stone in kidney.....	...	...	...	...	...	...	...	...	1	...	...	...	1
Pericarditis (injury).....	...	...	...	...	1	...	...	...	...	...	...	...	1
Peritonitis (injury).....	...	...	...	...	...	...	...	1	2	1	...	...	4
Peritonitis (surgical).....	...	...	...	1	...	...	...	1	...	...	...	...	2
Poisoning by arsenic.....	...	...	...	...	...	...	...	...	...	...	...	1	1
Poisoning by carbolic acid.....	1	...	...	...	...	...	...	...	...	...	...	...	1
Poisoning by chloroform.....	...	...	...	...	...	...	...	...	...	...	...	1	1
Poisoning by laudanum.....	...	...	1	...	...	...	...	...	...	...	...	...	1
Poisoning by morphine.....	...	...	...	...	1	...	...	...	1	...	...	1	3
Poisoning by strychnine.....	...	1	...	...	...	...	...	...	...	...	...	...	1
Poisoning by unknown.....	1	...	...	...	...	...	...	...	...	...	...	...	1
Pyaemia (injury).....	...	...	...	...	1	...	...	...	...	...	...	...	1
Rupture of heart.....	...	...	...	...	...	...	...	...	...	1	...	...	1
Shock from electricity.....	...	...	...	...	...	...	1	1	...	...	...	...	2
Shock from difficult labor.....	...	...	...	...	...	...	...	...	...	...	...	1	3
Shock from injury.....	3	...	3	...	12	12	4	...	2	12	12	2	23
Shock by lightning.....	...	...	...	...	...	...	...	...	...	...	...	...	4
Shock (surgical).....	1	...	...	...	1	...	...	1	...	...	...	1	4
Sun-stroke.....	...	...	...	...	...	...	1	...	...	...	...	...	1

MORTALITY TABLE NO. 2.

SHOWING AGES OF DECEDENTS FROM ALL CAUSES FOR YEAR ENDING DECEMBER 31, 1891.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals for given ages.		
													1891	1890	1889
Under one year.....	41	41	83	35	41	48	100	71	40	37	36	50	623	*916	*1057
One to five years.....	24	24	43	21	27	18	34	30	19	24	19	28	311	350	431
Five to ten years.....	15	4	10	9	13	10	8	9	7	10	10	12	117	123	108
Ten to twelve years.....	9	6	12	15	8	16	8	10	9	10	10	12	125	124	121
Twenty to forty y'rs.....	46	45	45	39	40	35	36	27	36	40	31	29	449	503	521
Forty to sixty years.....	22	20	21	23	24	19	23	16	15	20	21	27	351	276	251
Sixty to seventy y'rs.....	25	16	36	27	16	16	18	22	17	18	20	23	254	207	144
Over eighty.....	3	2	12	6	2	...	3	3	3	7	1	5	47	48	56
Totals.....	185	158	262	175	171	162	230	188	146	166	148	186	2177	2556	2689

*Includes premature and stillbirths.

MORTALITY TABLE NO. 3.
SHOWING SEX OF DECEDENTS FROM ALL CAUSES FOR YEAR ENDING DECEMBER 31st, 1901.

	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Totals.		
	1891	1890	1891	1890	1891	1890	1891	1890	1891	1890	1891	1890	1891	1890	1891	1890	1891	1890	1891	1890	1891	1890	1891	1890	1891	1890	1891
Males.....	85	91	136	97	88	84	111	111	75	83	72	104	1137	1382	1460	1228	1174	82	82	76	148	186	2177	2556	3680		
Females.....	100	67	126	78	89	78	119	77	71	71	106	148	186	2177	2556	3680	1174	82	76	148	186	2177	2556	3680			
Totals.....	185	158	262	175	177	162	230	188	146	154	178	250	293	283	250	283	250	154	154	154	334	372	4354	6264	7360		

MORTALITY TABLE NO. 4.
SHOWING SOCIAL STATE AND SEX OF DECEDENTS DURING YEAR 1901.

	January.		February		March.		April.		May.		June.		July.		August.		September		October.		November.		December.			Totals.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Single.....	61	41	65	39	98	72	50	44	60	46	56	56	76	95	82	53	51	44	54	48	48	42	70	44	771	624	
Married.....	18	43	21	20	29	32	24	20	22	26	24	21	28	16	20	17	22	17	21	21	20	26	28	28	290		
Widowed.....	6	16	5	8	9	22	13	5	6	11	4	1	5	8	9	2	10	5	5	14	4	14	7	10	75	126	
Not stated.....
Total.....	85	100	91	67	136	126	97	78	88	83	84	78	111	119	111	77	75	71	83	83	72	76	104	82	1,137	1,040	

MORTALITY TABLE No. 5.

DEATHS IN PUBLIC INSTITUTIONS FOR THE YEAR ENDING DEC. 31, 1891.
1890 AND 1889 COMPARED.

	1891	1890	1889
City hospital.....	66	62	53
St. Mary's hospital.....	42	22	10
St. Barnabas hospital.....	21	30	19
St. Anthony hospital.....	19	9	7
Bethany home.....	18	17	25
Soldier's home.....	15	13	11
Northwestern hospital.....	13	13	7
Homeopathic hospital.....	11	17	6
Deaconess' home (Lutheran).....	8	2	1
Church home for babies.....	8	14	.....
Maternity hospital.....	7	13	5
Sheltering Arms.....	5	2	2
Catholic orphan asylum.....	5	.....	.....
Catholic home for the aged.....	3	10	.....
Quarantine hospital.....	3	.....	.....
House of Good Shepard.....	1	1	.....
Total.....	245	225	146

MORTALITY TABLE No. 6.

BURIALS IN THE CEMETERIES OF THE CITY FOR THE YEAR ENDING DEC
31, 1891, AND COMPARISONS FOR 1890 AND 1889.

	1891.	1890.	1889.
Lakewood cemetery.....	512	503	736
Layman's cemetery.....	404	670	456
St. Anthony cemetery.....	253	279	204
Hillside cemetery.....	172	109	.....
St. Mary's cemetery.....	158	209	191
City graveyard.....	96	149	167
Crystal Lake cemetery.....	98	99	62
Poor farm cemetery.....	27	29	.....
Jewish cemeteries.....	18	25	35
Totals.....	1,828	2,162	2,010
No. of deaths certified to by coroner.....	285	310	296
No. of bodies shipped from city for interment.....	349	350	283
No. of bodies received for interment from elsewhere....	257	136	117

MORTALITY TABLE NO. 7.

NATIVITIES OF DECEDENTS DURING THE YEAR 1891, COMPARED WITH
1890 and 1889.

	1891.	1890.	1889.
Minneapolis.....	940		
Austria.....	15	5	3
Bavaria.....	1		
Bohemia.....	4		
Canada.....	69	73	62
Denmark.....	13	9	13
England.....	27	18	26
Finland.....	2		
France.....	2		2
Germany.....	69	75	75
Holland.....	1		
Hungary.....	8		
Iceland.....	2		
Ireland.....	74	68	49
Italy.....	1		
Minnesota.....	130	*1,307	*1,253
New Brunswick.....	2		
Norway and Sweden.....	261	386	282
Poland.....	7		
Prussia.....	3		
Roumania.....	1		
Russia.....	8	6	12
Scotland.....	16	10	12
Switzerland.....	4	8	2
United States (other than Minnesota).....	483	459	455
Wales.....	4		
Not stated.....	31	132	26
Totals.....	2,177	2,556	2,273

*Includes the Minneapolis nativities.

MORTALITY TABLE NO. 8.

DEATHS BY MONTHS IN EACH WARD FOR THE YEAR 1891. TOTALS COM-
PARED WITH 1890 AND 1889.

WARDS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals for wards		
													1891.	1890.	1889.
First .	10	8	23	11	14	5	14	17	10	11	9	7	139	173	161
Second .	11	6	19	12	7	8	14	14	6	4	15	9	125	147	100
Third .	33	28	35	29	14	34	27	27	20	27	16	32	322	369	334
Fourth .	9	18	23	17	13	16	14	11	11	16	8	19	175	219	194
Fifth .	23	22	23	12	22	13	16	17	14	19	14	16	211	263	248
Sixth .	15	20	20	15	17	12	25	15	18	17	12	13	201	301	271
Seventh .	18	11	17	14	13	19	20	12	8	9	13	19	172	230	195
Eighth .	19	7	17	16	12	7	10	10	8	13	10	13	142	173	154
Ninth .	8	13	34	20	18	14	32	21	16	13	16	23	228	303	183
Tenth .	4	2	10	8	9	3	7	3	5	3	7	3	64	80	65
Eleventh .	32	19	35	15	27	23	36	27	21	25	22	20	302	281	278
Twelfth .	1	2	4	3	1	3	6	10	8	4	6	8	56	59	31
Thirteenth .	2	2	2	3	4	5	9	4	1	5	1	2	40	58	59
Total	185	158	262	175	171	162	230	188	146	166	148	186	2,177	2,556	2,273

MORTALITY TABLE No. 9.
NUMBER OF DEATHS DAILY FROM ALL CAUSES DURING YEAR 1891.

MONTHS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.	Average daily.
January.....	6	4	6	6	3	6	7	8	5	4	6	8	14	2	6	6	4	3	5	3	10	3	7	2	3	5	6	2	4	5	7	185	5.9
February.....	10	3	4	4	5	6	5	3	4	4	4	4	12	1	8	10	7	9	12	10	2	10	8	10	7	12	5	9	4	9	9	158	5.3
March.....	9	5	6	7	8	6	7	3	8	11	8	7	12	1	5	7	5	13	10	6	12	8	6	7	10	4	5	7	5	7	9	262	8.5
April.....	13	9	6	3	7	4	6	3	11	5	4	6	9	4	3	2	5	7	6	6	3	5	6	6	7	4	4	4	4	4	6	175	5.5
May.....	6	4	5	2	7	6	6	3	6	10	4	5	6	5	4	7	5	10	6	7	5	5	7	8	10	3	4	10	8	4	7	171	5.5
June.....	3	4	5	2	6	6	7	1	6	10	4	5	6	6	3	6	4	13	9	6	5	8	10	9	8	5	4	11	8	4	7	162	5.4
July.....	3	8	5	10	7	4	7	1	7	5	8	10	6	3	6	4	13	10	7	9	4	2	5	5	3	3	5	11	3	4	5	230	7.4
August.....	3	11	8	7	5	11	7	7	13	5	6	7	6	3	11	5	10	3	8	8	9	2	5	2	3	3	5	1	6	5	5	188	6.0
September.....	2	3	6	3	10	5	3	4	4	5	10	4	5	4	1	4	6	7	8	8	6	6	7	6	10	3	3	7	1	7	2	146	4.8
October.....	6	5	3	5	3	9	4	6	2	5	11	5	4	6	5	4	6	5	6	9	6	3	3	9	10	3	4	4	13	6	2	166	5.3
November.....	5	5	3	0	5	3	5	3	0	4	3	5	9	4	12	4	6	4	4	6	3	3	2	7	9	10	3	4	2	7	2	148	4.9
December.....	9	10	7	5	5	4	5	5	8	8	4	5	3	4	4	7	7	8	8	8	8	1	6	3	5	8	4	11	4	5	7	186	6.0
Totals.....	75	72	60	60	71	67	62	65	85	72	85	67	87	54	67	71	85	83	86	85	71	60	85	64	66	64	67	75	65	62	43	2,177	6.9
Average.....	6.2	6.0	5.0	5.0	5.9	5.5	5.1	5.4	7.0	6.0	7.0	5.5	7.2	4.5	5.5	5.9	7.0	6.9	7.1	7.0	5.9	5.0	7.0	5.3	5.5	5.3	5.5	6.2	6.0	5.4	6.1	6.0	6.3

MORTALITY TABLE NO. 10.

COMPARATIVE TABLE SHOWING THE PRINCIPAL CAUSES OF DEATH IN
MINNEAPOLIS DURING THE YEAR 1891.

CAUSES.	Number of deaths.						Total.	Per cent of whole No. of deaths.	Deaths per 1000 inhabit- ants.
	10	25	50	100	150	200			
Acute pneumonia.....							239	10.97	1.14
*Phthisis pulmonalis ..							237	10.86	1.12
*Cholera infantum.....							127	5.83	.60
*Diphtheria.....							106	4.86	.50
Marasmus.....							98	4.36	.45
*Typhoid fever.....							98	4.27	.44
Capillary bronchitis...							87	3.99	.41
Meningitis.....							86	3.98	.41
Gastro-enteritis.....							77	3.53	.36
Convulsions.....							70	3.21	.33
Valvular heart disease.							68	3.12	.33
Cancer.....							61	2.79	.30
Enterocolitis.....							31	1.45	.14
Peritonitis.....							30	1.37	.14
Bright's disease.....							28	1.28	.13

* Preventable diseases.

MORTALITY TABLE No. 11.
TABLE OF DEATHS BY MONTHS, AVERAGE PER MONTH, AND ANNUAL DEATH RATE FOR THE PAST TEN YEARS. (1891 NOT INCLUDING PREMATURE AND STILL BIRTHS.)

MONTHS.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
January.....	106	140	128	118	125	155	220	187	274	185
February.....	107	106	118	142	122	164	254	158	177	158
March.....	141	124	130	96	160	155	283	222	172	202
April.....	83	138	122	103	130	160	184	266	179	175
May.....	92	142	125	124	150	191	187	265	210	171
June.....	91	143	102	118	130	133	228	201	198	162
July.....	136	156	168	273	254	218	290	262	296	230
August.....	121	216	205	225	231	190	229	262	246	188
September.....	130	176	161	179	151	182	224	227	197	146
October.....	124	158	145	139	122	200	206	240	216	166
November.....	123	158	139	103	116	267	172	184	180	148
December.....	114	56	137	125	121	106	187	180	209	186
Total.....	1,449	1,757	1,600	1,757	1,773	2,399	2,674	2,689	3,556	2,177
Average per month.....	120.7	146.4	140.8	144.7	147.7	191.5	222.8	224.0	213.0	181.4
Estimated population.....	64,665	99,660	86,764	99,062	118,599	132,750	177,743	200,000	200,000	209,000
Annual death rate per 1,000.....	22.1	25.3	20.0	17.9	15.0	17.0	15.0	13.4	13.7	10.4

MORTALITY TABLE No. 12.

SUICIDES—SPECIAL TABLE SHOWING DEATHS FROM SUICIDE, BY MONTHS DURING 1891.

METHODS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Cut throat.....	1	1	1	1	1	1	1	1	1	1	1	1	13
Drowning.....	1	1	1	1	1	1	1	1	1	1	1	1	13
Gun shot.....	1	1	1	1	1	1	1	1	1	1	1	1	13
Hanging.....	1	1	1	1	1	1	1	1	1	1	1	1	13
Poisoning by morphine.....	1	1	1	1	1	1	1	1	1	1	1	1	13
Poisoning, unknown.....	1	1	1	1	1	1	1	1	1	1	1	1	13
Total by months.....	1	1	1	1	1	2	1	3	3	3	3	3	13

MORTALITY TABLE No. 13.

Comparative Tables Showing Death Rates of American and Foreign Cities as Compared with Minneapolis.

MORTALITY OF FOREIGN CITIES.

CITIES.	Popula- tion.	Death Rate.	Total Deaths.
Edinburgh.....	236,002	19.2	4,531
London.....	4,351,708	19.3	83,968
Stockholm.....	234,090	21.9	5,146
Copenhagen.....	286,900	23.1	6,628
Amsterdam.....	299,424	23.8	7,027
Paris.....	2,344,550	24.6	55,676
Berlin.....	1,315,287	25.6	33,672
Calcutta.....	871,504	26.0	22,660
Bombay.....	773,196	26.0	20,104
Rome.....	273,268	26.5	6,842
Dublin.....	249,602	27.0	6,740
Hamburg.....	305,690	29.4	8,988
St. Petersburg.....	978,399	30.7	30,035
Marseilles.....	376,143	35.0	13,165
Madrid.....	405,848	36.5	14,814
Buda Pesth.....	422,557	37.8	15,973
Trieste.....	180,000	38.0	6,880
Alexandria.....	208,755	41.2	8,597
Cairo.....	368,108	47.3	17,328

MORTALITY OF AMERICAN CITIES.

CITIES.	Populat'n per census 1890.	Total Deaths.	Death rate per 1,000.
New York.....	1,513,501	40,103	24.58
Chicago.....	1,098,576	21,856	18.22
Philadelphia.....	1,044,576	21,732	20.75
Brooklyn.....	806,343	19,827	23.21
St. Louis.....	460,367	8,409	18.45
Boston.....	446,507	10,181	22.70
Baltimore.....	434,151	10,198	22.41
San Francisco.....	297,990	6,880	23.35
Cincinnati.....	296,308	6,441	19.81
Cleveland.....	261,546	5,056	19.34
New Orleans.....	216,090	7,238	28.41
Washington.....	230,392	5,534	22.13
Detroit.....	206,669	10,198	22.41
Milwaukee.....	204,150	3,747	17.03
Minneapolis.....	164,738	2,556	15.50
Minneapolis, year 1891, estimated.....	200,000	2,177	10.04
Minneapolis.....	164,738	2,177	13.21

SPECIAL REPORT UPON TYPHOID FEVER.

COMPILED BY

WM. E. LEONARD, M. D., MEDICAL INSPECTOR.

In June, 1888, the board of health first requested the physicians of Minneapolis to report to the health office all cases of typhoid fever coming under their care. By the enactment of the legislature of 1890-1, this disease was included in the list of contagious and infectious diseases to be reported to the health department by any one having knowledge of such cases, under penalty of the law. Before the installment of the present commissioner no systematic inspection or record of such cases was made by the department. But he immediately made it a part of the duty of the medical inspectors in their several districts to visit all cases reported, if any doubt existed to confirm or disprove the physician's diagnosis, ascertain, when possible, the source of infection, and thoroughly inspect the premises upon which the fever was found, order proper disinfection of the patient's discharges or of the receptacles (vaults, sewers, etc.,) into which they might have been thrown, order such improvements as might be made in the sanitary surroundings, and make a written report of each case upon the following blank provided by the department:

This report must be filled out in ink.

DEPARTMENT OF HEALTH.

CITY OF MINNEAPOLIS.

Report of Inspection of
TYPHOID FEVER.

Ward..... Date.....189..
 No.....Street or Avenue.....
 Name of Patient.....
 Occupation.....Sex.....Age.....
 Taken Sick at.....
 Transferred to.....
 Duration of Attack.....
 Date of Death.....Recovery.....
 Probable Causes:.....
 Source of Infection.....
 Sanitary Condition of House.....
 Sanitary Condition of Yard and Barn.....
 Water Supply.....City.....Well.....Cistern.....
 Orders:

FEET.

If premises are unsanitary,
fill out this diagram.

FEET.

✓ Well. Distance from house.....ft. Kind.....
 X Cesspool. Distance from well.....ft.
 - Privy vault. Distance from well.....ft.

.....Medical Inspector.

This has been done as faithfully as the increasing knowledge and experience of the inspectors permitted, since the first of January, 1891, and an accurate transcript made of the results in a special book of typhoid fever records. The physicians of the city have seen the value of this work and, as a rule, ably seconded the effort of the department to collate valuable data by reporting such cases promptly. The following tables show the results of the first year's work. They are necessarily imperfect and incomplete but when it is remembered how little appreciation many have of the possibility of preventing the fever, and how difficult it is in certain parts of the city to gain intelligent answers to questions, and again how often such cases are moved about from place to place (contrary to law), and how little knowledge is to be had of the shifting class of population in which this disease is most prevalent, viz., laborers and domestics, (see table of occupations No. 6), their incompleteness is somewhat excusable.

The work has been done by Drs. Wm. E. Leonard, A. K. Norton and C. A. McCollom, the medical inspectors of the department, in addition to their daily inspection of the contagious diseases, and routine office work.

In estimating the prevalence of the disease by wards it must be borne in mind that the hospitals of the city are mainly in the fifth, sixth and eleventh wards, and that 165 of the cases were collected in these hospitals from all parts of the city during the year. (See Hospital table No. 4.)

Whether the mid-winter epidemic of January and February is unusual or not this office has yet not sufficient data to decide.

We believe that no American city health department has as yet undertaken this work systematically, and that when completed for five years, or more, these tables will become extremely valuable to the statistician and sanitarian. During 1892 similar records will be kept of all cases of scarlet fever and diphtheria.

TYPHOID FEVER.—TABLE No. 1.

NUMBER OF CASES AND DEATHS REPORTED DURING THE YEAR 1891, BY WARDS.

WARDS.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total for wards.	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
First.....	3	1	3	..	..	..	..	..	..	..	..	..	3	..	5	1	7	2	6	2	2	..	1	..	29	8
Second.....	3	1	1	..	..	..	2	2	..	..	..	..	..	1	..	1	..	3	..	5	2	2	..	21	6	
Third.....	6	2	..	..	5	..	3	2	..	..	4	1	3	..	12	..	4	..	8	..	2	4	..	49	4	
Fourth.....	5	5	5	3	1	1	2	2	..	..	1	..	9	..	10	..	15	1	7	..	1	..	4	..	60	7
Fifth.....	14	4	13	1	4	2	..	..	2	2	..	..	11	1	2	2	14	4	12	1	1	..	2	6	99	20
Sixth.....	11	1	8	1	2	..	1	..	2	2	1	7	6	..	12	3	15	4	17	2	5	1	5	1	95	13
Seventh.....	1	..	3	..	..	..	1	1	..	..	1	4	..	3	1	2	1	1	..	5	..	1	..	..	29	4
Eighth.....	9	2	1	..	..	..	1	2	..	..	1	1	5	..	4	..	2	1	5	3	2	1	1	..	37	6
Ninth.....	1	..	..	..	1	..	1	..	..	..	..	..	5	..	2	2	12	2	3	4	2	8	..	50	9	
Tenth.....	..	..	..	1	..	..	..	..	..	..	..	..	6	..	1	..	1	..	..	..	..	..	..	..	11	..
Eleventh.....	11	1	10	..	5	1	2	1	5	1	3	1	10	2	9	1	13	2	24	2	13	3	1	1	106	15
Twelfth.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	2	1
Thirteenth.....	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	3	..
Total for months.....	64	12	45	5	19	4	11	7	13	4	24	4	58	4	68	10	97	17	94	10	56	11	33	5	582	93

TYPHOID FEVER.—TABLE No. 2.
SEX OF CASES AND DEATHS REPORTED DURING THE YEAR 1891.

WARDS	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total for wards.	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
Male.....	41	9	18	1	11	4	8	4	6	2	18	3	39	2	40	4	52	10	56	3	63	5	14	4	334	54
Female.....	23	3	27	4	8	..	3	3	7	2	6	1	19	2	28	6	45	7	38	4	25	6	19	1	248	39

TYPHOID FEVER.—TABLE No. 3.
AGES OF CASES AND DEATHS REPORTED DURING THE YEAR 1891.

	Cases.	Deaths.
Under three years.....	6	4
Three to twenty-one years.....	222	27
Twenty-one to fifty years.....	320	59
Over fifty years.....	9	3
Unknown.....	25	.....
Total.....	582	93

TYPHOID FEVER.—TABLE No. 4.
HOSPITALS TO WHICH CASES WERE TRANSFERRED.—NO. OF CASES AND DEATHS.

	Cases.	Deaths.
City hospital.....	58	8
St. Barnabas.....	23	6
St. Mary's.....	22	3
Northwestern.....	22	3
Norwegian Deaconess' Home.....	17	2
St. Anthony.....	13	3
Homoeopathic.....	11	3
Totals.....	165	27

Taken out of the city 4.

TYPHOID FEVER.—TABLE No. 5.
CASES IMPORTED FROM OTHER LOCALITIES.

Hennepin county (including three from Lake Minnetonka).....	4
Ramsey county.....	5
Anoka county.....	2
Other cities and towns in Minnesota:	
Breckenridge.....	1
Duluth.....	2
Fairhaven.....	1
Lake City.....	1
Warren.....	2
Willmar.....	2
Dakota (North and South), chiefly from harvest fields.....	13
Wisconsin (chiefly from lumber camps).....	7
Montana.....	2
Iowa.....	1
Massachusetts.....	1
Michigan.....	1
St. Louis, Mo.....	2
Chicago, Ill.....	2
New York City.....	1
Shipboard (emigrant).....	2
Total.....	52

TYPHOID FEVER.—TABLE NO. 6.

OCCUPATIONS OF THE CASES REPORTED DURING THE YEAR 1901.

Laborers.....	113	Students.....	6
Domestics.....	65	Butchers.....	6
Housewives.....	50	Sewer laborers.....	5
School girls.....	57	Bakers.....	5
School boys.....	41	Teamsters.....	5
Clerks.....	25	Machinists.....	5
Carpenters.....	17	Under school age.....	24
Seamstresses.....	10	Scattering.....	79
Teachers.....	9	Unknown.....	38
Millers.....	7	Total.....	582
Coachmen.....	6		

TYPHOID FEVER.—TABLE NO. 7.

CAUSES—SOURCES OF INFECTION, AS FAR AS ASCERTAINABLE.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Well water.....	9	3	3	1	1	6	12	27	33	20	7	119	
Other cases.....	9	6	3	1	1	2	11	15	18	8	7	79	
Surroundings unsanitary.....	3	5	3	3	1	2	12	11	7	...	...	56
Defective plumbing.....	3	1	1	1	1	1	2	5	...	...	...	16
Cistern water.....	2	2	...	...	...	...	...	...	...	...	...	4
Stagnant water.....	2	...	...	...	1	...	1	1	...	...	2	9
Surface drainage.....	1	...	...	...	...	...	...	...	...	...	...	1
Sewers, work in.....	...	...	...	...	...	...	2	...	...	1	...	3
Sewers, opening up old.....	...	...	...	...	...	...	1	...	...	...	...	2
Cesspools.....	...	...	...	...	...	...	3	2	1	...	...	6
Opening up Gt. Nor'n RR. viaduct.....	...	...	...	...	...	...	6	...	...	...	...	6
Shipboard, contracted on.....	...	...	...	...	...	2	1	...	...	...	...	3
Imported cases.....	2	1	2	...	1	2	5	11	10	8	4	52	
Unknown.....	35	31	8	7	10	18	27	20	19	24	19	8	226
Totals.....	64	45	10	11	13	24	58	68	97	94	56	33	582
Sewer connections.....	15	15	2	1	...	3	14	12	14	6	2	7	91
Proportion of cases found where no sewer connections existed, percent	74	66	89	91	100	87½	76	78	86	93	96	78	84.5

TYPHOID FEVER.—TABLE NO. 8.

AVERAGE DURATION OF THE DISEASE IN FATAL CASES OF TYPHOID FEVER DURING THE YEAR 1901—IN DAYS.

Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Average for fatal cases.
20.2	25.3	11.6	15.0	18.4	17.0	24.4	27.4	21.0	30.6	23.1	28.8	21.9

The longest case ran 70 days, ending in October.
The next longest case ran 66 days, ending in October.
The shortest cases (2) ran 5 days.

UNITED STATES DEPARTMENT OF AGRICULTURE, WEATHER BUREAU. METEOROLOGICAL SUMMARY FOR 1891. MINNEAPOLIS.

MONTHS.	Temperature.										Precipitation in in. & 10ths.		Wind	Number of days.			Remarks.
											Rain and melted snow.	Total depth of snow fall.		Prevailing direction.			
	Monthly mean.	Mean maximum.	Mean minimum.	Mean range.	Highest.	Date.	Lowest.	Date.	Monthly range.	Greatest daily range.					Date.	Least daily range.		Date.	Partly cloudy.	Cloudy.	On which (one 1-10th) or more precipitation occurred.
January.....	23.4	33.0	14.6	18.4	30	17	-1.4	16	50.4	46.9	13	8.5	10	8	11	7	Warmest January since 1880.
February.....	12.4	24.9	2.2	-22.2	24	23	-22.2	1	67.5	34.2	23	7.5	8	10	16	11	Precipitation considerably in ex. of normal.
March.....	23.5	35.2	16.7	-5.1	23	23	-5.1	2	53.8	32.2	20	5.9	23	6	17	12	
April.....	49.5	59.8	39.2	15.5	23	23	15.5	2	68.7	32.6	27	13.2	10	8	8	8	Killing frost on 6th.
May.....	58.6	70.8	46.4	23.8	8	8	23.8	5	53.7	33.4	17	9.5	17	14	2	2	Killing frost on 5th; light frost on 25th.
June.....	66.1	78.1	57.1	17.9	38.7	15	38.7	7	49.8	27.5	27	11.2	12	13	13	13	
July.....	66.4	76.4	56.4	20.1	43.8	31	44.7	4	39.6	27.5	27	11.2	12	13	13	13	
August.....	68.3	78.9	57.7	21.2	49.4	7&8	42.4	23	51.6	29.7	28	12.2	20	13	7	10	{ Rain fall of August 20th was the heaviest on record in this vicinity. { Light frost on 23d.
September.....	67.6	79.5	56.2	23.3	43.1	18	42.5	3	50.6	36.1	14	10.4	27	7	6	6	{ Killing frost on 7th. { Coldest November since 1880.
October.....	50.7	60.7	40.3	19.4	37.4	2	-12.7	2	45.2	30.5	19	10.4	27	7	6	6	{ The warm rains of Dec. 2, 3, 13 and 14 have not occurred in many years. { Precipitation greatly in ex. of normal.
November.....	38.6	57.6	19.5	18.1	59.5	4	-28.7	29	72.5	34.3	18	7.8	3	11	12	7	
December.....	30.7	47.8	22.3	15.5	53.3	13	-6.6	26	50.0	28.6	30	5.2	24	14	11	10	
Annual means.	45.6	55.6	35.7	19.8	71.4	....	16.1	....	55.3	32.7	...	8.9	....	11.2	10.1	9.2	9.1

J. H. HARMON, Observer Weather Bureau.

ANNUAL REPORT

Department of Charities and Corrections.

EMBRACING POOR DEPARTMENT, CITY HOSPITAL AND WORKHOUSE.

1891.

DEPARTMENT OF POOR.

FIRST SIX MONTHS OF 1891.

HON. P. B. WINSTON, Mayor and *ex-officio* President of Board.
C. L. SNYDER, Superintendent and Secretary.
LARS OWRE, Clerk.

BOARD OF SUPERVISORS.

JOS. INGENHUTT,	JOHN M. PARRY,
FRED. C. BARROWS,	GEO. W. FLANDERS.
JOSEPH L. KIICHLI,	J. S. BRADISH,
S. B. LOYE,	FRED. A. SCHWARTZ,
M. W. BRAZIE,	WM. M. LACKEY,
SAMUEL HUNTER,	GEO. PETERSON,

JAMES S. GRAY.

BOARD OF CHARITIES AND CORRECTIONS.

HON. P. B. WINSTON, Member <i>ex-officio</i> .	
BERNARD CLOUTIER, President.	H. B. MARTIN,
JOHN G. MOORE.	F. R. WOODARD.
C. L. SNYDER, Supt. of Poor and Secretary.	
LARS OWRE, Clerk.	

ANNUAL REPORT

OF THE

SUPERINTENDENT OF POOR.

OFFICE OF THE
SUPERINTENDENT OF POOR,
MINNEAPOLIS, Minn., June 30, 1891. }

To the Honorable, the Board of Supervisors of the Poor of City of Minneapolis:

I have the honor to submit a report of the work of this office for the first half-year of 1891, as follows:

Number of applications made at office.....	2,774	
Number of visits made by superintendent.....	684	
Number of cases where relief has been granted in groceries.....	1,060	
Number of orders given for groceries.....	1,072	
Amounting to.....		\$2,750.15
Number of orders given for wood.....	1,068	
Amounting to.....		\$1,728.45

Number of patients in hospital January 1, 1891:

City hospital.....	45
Homeopathic hospital.....	2
Northwestern hospital.....	4
Deaconess' hospital.....	1
St. Mary's hospital.....	2
Bethany Home, adults.....	11
Bethany Home, infants.....	10
Total.....	75

Number sent to hospitals during first half-year 1891:

City hospital.....	257
Homeopathic hospital.....	20
Northwestern hospital.....	7
Deaconess' hospital.....	1
St. Mary's hospital.....	8
Bethany Home, adults.....	22
Bethany Home, infants.....	6
Total.....	321

Number now in hospitals under charge of city July 1:

City hospital.....	38
Homeopathic hospital.....	1
Northwestern hospital.....	2
Deaconess' hospital.....	1
St. Mary's hospital.....	3
Bethany Home, adults.....	11
Bethany Home, infants.....	13
Total.....	69

Hospital expenses:

Homeopathic hospital.....	\$392.71
Northwestern hospital.....	457.77
Deaconess' hospital.....	159.58
St. Mary's hospital.....	470.70
Bethany Home.....	1,969.18
For conveyances.....	300.50
Total.....	\$3,750.42

Number of inmates at poor house January 1, 1891.....	44
Number sent to poor house during first half-year.....	28
Number now in poor house under charge of city, July 1.....	36
Poor house expenses.....	\$2,372.87

No. of visits made by Drs. Chase and Weston assistant
city physician:

At hospitals.....	299	
At other places.....	1,549	
Number of burials furnished.....	98	
Amounting to.....		\$714.00
Number of persons furnished transportation to other places.....	80	
Amounting to.....		\$472.09
Incidental expenses of superintendent of poor.....		77.35
Special bills allowed by supervisors of poor.....		550.97
Salaries to superintendent and clerk for first half-year 1891.....		1,491.66
Expended during first half-year 1891.....		\$13,916.97
Refunded during first half-year 1891.....		146.76
Total expenses as above enumerated for first half-year 1891.....		\$13,770.21

NATIONALITY RECORD OF APPLICANTS FROM JANUARY 1 TO JULY 1, 1891.

African.....	124	Italian.....	0
American.....	546	Jewish.....	44
Bohemian.....	39	Norwegian.....	451
Canadian.....	25	Polish.....	30
Danish.....	66	Portuguese.....	0
Dutch.....	5	Scotch.....	18
English.....	63	Spanish.....	0
Finnish.....	10	Swedish.....	509
French.....	86	Swiss.....	4
German.....	307	Welsh.....	3
Hungarian.....	12	Russian.....	1
Indian.....	0		
Irish.....	370	Total.....	2,774

A LIST OF SPECIAL BILLS ALLOWED BY SUPERVISORS OF POOR FROM
JANUARY 1, TO JULY 1, 1891.

Jan. H. H. Molloy.....	\$5.00	June Herman Berger.....	12.25
..... T. K. Gray.....	3.00	..... Peter Anderson.....	\$15.31
Feb. E. J. Couper.....	17.71	..... John Camp.....	25.25
..... O. W. Cronkhite.....	7.50	..... T. K. Gray.....	9.00
March .. E. J. Couper.....	8.00	..... T. K. Gray.....	19.15
..... Thos. A. Clark.....	6.75	..... John F. Danesck.....	2.70
..... Goodnow & Lawther.....	2.40	..... E. J. Couper.....	8.88
April. ... H. H. Malloy.....	2.50	..... W. H. Ensign & Son.....	3.00
..... T. K. Gray.....	2.40	..... Carlson Bros.....	2.00
..... E. J. Couper.....	8.88	..... Minneapolis Truss Co.....	5.00
..... Mrs. M. Pasko.....	6.00	..... Chas. D. Whithall & Co.....	9.10
May E. J. Couper.....	8.56	..... N. W. Tel. Ex. Co.....	42.00
..... C. A. Heffelfinger.....	3.00	..... E. J. Couper.....	8.56
..... Harrison & Smith.....	8.00	..... T. K. Gray.....	22.55
..... Chas. D. Whithall & Co.....	3.50	..... E. B. Heiberg.....	4.30
..... Asbestine Stone Co.....	20.00	..... Benj. Frost & Co.....	7.35
..... T. K. Gray.....	25.00	..... Dr. O. G. Weston.....	38.85
..... Crown Drug Store.....	3.06	..... C. L. Snyder.....	148.00
..... T. Connolly.....	25.50	Total.....	\$550.97

A LIST OF MONEY REFUNDED TO SUPERINTENDENT OF POOR FROM JANU-
ARY 1, 1891, TO JULY 1, 1891.

Jan. 14. Mrs. E. Barnes.....	\$3.95	Apr. 15. Otto More.....	3.60
Feb. 6. Ingeborg Burke.....	6.00	May 6. Alexander Brothers.....	1.97
11. Jack Martin.....	29.57	7. I skaar.....	9.00
20. Max Waits.....	6.00	8. David Copland.....	3.00
24. Anna M. Peterson.....	6.00	22. J. J. Akra.....	15.00
Mar. 10. Alfred Munson.....	11.00	22. O. Paulson.....	2.40
10. C. A. Chase.....	9.00	22. John Peterson.....	.97
11. Ed. Dahl.....	1.28	27. Higgins.....	19.14
18. A. G. Coutts.....	3.00	June. Sold old watches.....	3.00
April 2. Ingeborg Burke.....	8.00	Total.....	\$146.76
13. Mrs. O. Cheeseman.....	5.00		

OFFICE OF THE
SUPERINTENDENT OF THE POOR, }
MINNEAPOLIS, December 31, 1891. }

To the Honorable, the Board of Charities and Corrections of City of Minneapolis:

I have the honor to submit a report of the work of this office for the second half-year of 1891, as follows:

Number of applications made at office.....	2,031	
Number of visits made by superintendent.....	425	
Number of cases where relief has been granted in groceries.....	770	
Number of orders given for groceries.....	777	
Amounting to.....		\$1,979.00
Number of orders given for wood.....	421	
Amounting to.....		506.25

Number of patients in hospital July 1, 1891:

City hospital.....	38
Homeopathic hospital.....	1
Northwestern hospital.....	2
Deaconess' hospital.....	1
St. Mary's hospital.....	3
Bethany Home, adults.....	11
Bethany Home, infants.....	13
Total.....	69

Number sent to hospitals during second half-year 1891:

City hospital.....	230
Homeopathic hospital.....	0
Northwestern hospital.....	3
Deaconess' hospital.....	1
St. Mary's hospital.....	2
Bethany Home, adults.....	8
Bethany Home, infants.....	3
Total.....	247

Number now in hospitals under charge of city:

City hospital.....	46
Homeopathic hospital.....	0
Northwestern hospital.....	2
Deaconess' hospital.....	1
St. Mary's hospital.....	0
Bethany home, adults.....	3
Bethany Home, infants.....	9
Total.....	61

Hospital expenses.

Homeopathic hospital.....	\$19.28
Northwestern hospital.....	137.41
Deaconess' hospital.....	166.51
St. Mary's hospital.....	156.14
Bethany Home.....	1,546.02
For conveyances.....	188.00
Total.....	\$2,214.26

Number of inmates of poor house July 1, 1891.....	36
Number sent to poor house during second half-year.....	16
Number now in poor house under charge of city.....	43
Poor house expenses.....	\$1,957.71

Number of visits made by Dr. Chase and Weston, assistant city physician:

At hospitals.....	263
At other places.....	1,467
Number of burials furnished.....	72
Amounting to.....	\$615.00
Number of persons furnished transportation to other places.....	74
Amounting to.....	430.65
Incidental expenses of superintendent of poor.....	68.45
Special bill allowed by board of Charities and Corrections.....	482.57
Salary to superintendent and clerk for second half-year 1891.....	1,390.98
Expended during second half-year 1891.....	\$9,665.87
Refunded during second half-year 1891.....	127.68
Total expenses during second half-year 1891, as above enumerated.....	\$9,538.19

**NATIONALITY RECORD OF APPLICANTS FROM JULY 1 TO DECEMBER 31
1891.**

African.....	61	Irish.....	307
American.....	303	Italian.....	0
Bohemian.....	28	Jewish.....	48
Canadian.....	35	Norwegian.....	341
Danish.....	59	Polish.....	14
Dutch.....	0	Portuguese.....	0
English.....	64	Scotch.....	12
Finnish.....	20	Spanish.....	0
French.....	64	Swedish.....	429
German.....	231	Swiss.....	6
Hungarian.....	6	Welsh.....	3
Indian.....	0		
		Total.....	2,081

**A LIST OF SPECIAL BILLS ALLOWED BY THE BOARD OF CHARITIES AND
CORRECTIONS FROM JULY 1 TO DECEMBER 31, 1891.**

Aug.....	Minneapolis Truss Co.....	\$2.00	Nov.....	E. B. Hilberg.....	17.77
	Chas. D. Whitall & Co.....	5.08		Chas. D. Whitall & Co.....	2.91
	N. W. Tel. Exchange Co.....	9.00		N. W. Tel. Exchange Co.....	9.00
	T. K. Gray.....	16.45		Minneapolis Times.....	63.53
Sept.....	M. D. Wilson Co.....	5.00		J. Tollier.....	2.25
	T. K. Gray.....	14.90		Geo. Schock.....	7.12
	Geesaman & Murphy.....	10.00		E. J. Couper.....	8.86
	Chas. D. Whitall & Co.....	1.65		H. H. Molloy.....	2.50
	N. W. Tel. Exchange Co.....	9.00		T. K. Gray.....	24.25
	J. Stott.....	4.20	Dec.....	N. W. Labor Union.....	9.50
	John McCarty.....	3.00		Minneapolis Truss Co.....	3.50
	J. E. Malone.....	3.40		T. K. Gray.....	2.00
	Mrs. Ellen Bramvell.....	15.50		N. W. Tel. Exchange Co.....	9.00
	Minneapolis Truss Co.....	6.50		Chas. D. Whitall & Co.....	0.40
	N. W. Labor Union.....	2.00		Mrs. Renning.....	44.28
Oct.....	Chas. D. Whitall & Co.....	0.75		Catherine Vancourt.....	6.00
	N. W. Tel. Exchange Co.....	9.00		Chas. H. Clrkler.....	1.00
	T. K. Gray.....	24.10		E. J. Couper.....	8.56
	Chas. H. Clrkler.....	15.90		Thos. Gardiner.....	0.65
	Minneapolis Truss Co.....	12.50		T. K. Gray.....	29.75
	E. J. Couper.....	28.30		Jos. Hoffman & Co.....	5.80
	J. A. Holl.....	7.50			
	Mrs. Renning.....	20.00		Total.....	\$482.57

**A LIST OF MONEY REFUNDED TO SUPERINTENDENT OF POOR, FROM JULY
1, 1891 TO DECEMBER 31, 1891.**

July 1.	Frank Kinzie.....	\$2.00	Aug. 22	Jery McGormick.....	5.00
	Bilderman.....	2.00		Sold material given to	
	Gale Compton.....	4.80		poor department.....	2.00
25	F. Wanderworth.....	1.00	Sept. 9	Snorre Benson.....	6.07
Aug. 4	Paul Magnus.....	13.50	17	Frank Olmstead.....	5.75
5	Wm. Watson.....	3.25	Oct. 19	Jacob Ruben.....	2.15
	Gust Carlson.....	4.50	Nov. 3	Rich Logan.....	10.00
7	O. G. Weston.....	3.00	6	Lewis Nelson.....	10.45
13	Southwick.....	.70	Dec. 2	Roy Rasmussen.....	8.00
	Odin Olson.....	.20	14	John Nelson.....	8.00
	J. S. Reynolds.....	.50	16	Gus Beckman.....	35.00
	Frank Anderson.....	3.00		Total.....	\$127.08

OFFICE OF THE
SUPERINTENDENT OF THE POOR, }
MINNEAPOLIS, Dec. 31, 1891. }

Gentlemen of the Board of Charities and Corrections:

I have the honor to submit a report of the work of this office for the year of 1891, as follows:

Number of applications made at office.....	4,805	
Number of visits made by superintendent.....	1,119	
Number of cases where relief has been granted in groceries.....	1,890	
Number of orders given for groceries.....	1,840	
Amounting to.....		\$4,738.15
Number of orders given for wood.....	1,450	
Amounting to.....		2,326.70

Number of patients in hospitals January 1, 1891:

City hospital.....	45	
Homeopathic hospital.....	2	
Northwestern hospital.....	4	
Deaconess hospital.....	1	
St. Mary's hospital.....	2	
Bethany Home, adults.....	11	
Bethany Home, infants.....	15	
Total.....		75

Number sent to hospitals during year 1891.

City hospital.....	487	
Homeopathic hospital.....	20	
Northwestern hospital.....	10	
Deaconess hospital.....	2	
St. Mary's hospital.....	10	
Bethany Home, adults.....	30	
Bethany Home, infants.....	9	
Total.....		568

Number now in hospitals under charge of city:

City hospital.....	46	
Northwestern hospital.....	2	
Deaconess hospital.....	1	
Bethany Home, adults.....	3	
Bethany Home, infants.....	9	
Total.....		61

Hospital expenses:

Homeopathic hospital.....	\$411.90	
Northwestern hospital.....	505.18	
Deaconess hospital.....	826.09	
St. Mary's hospital.....	625.84	
Bethany Home.....	3,516.08	
For conveyance.....	488.50	
Total.....		5,964.68

Number of inmates of poor house January 1, 1891.....	44	
Number sent to poor house during year.....	44	
Number now in poor house under charge of city.....	43	
Poor house expenses.....		\$4,330.58

Number of visits made by Dr. Chase and Weston, assistant city physician.

At hospitals.....	532	
At other places.....	3,016	
Number of burials furnished.....	170	
Amounting to.....		\$1,229.00
Number of persons furnished transportation to other places.....	154	
Amounting to.....		\$222.74
Incidental expenses of superintendent of poor.....		145.81
Special bills allowed by supervisor of poor and board of charities and corrections.....		1,033.54
Salaries.....		2,801.64
Expended during year 1891.....		23,582.84
Refunded during year 1891.....		274.44
Total expenses as above numerated during year 1891.....		\$23,308.40

I have the honor herewith to present to you, for your consideration, a few thoughts accumulated by long experience of work done in solving the question of pauperism. In the first place, it will be seen, by a glance at the foregoing annual report—that 4,805 applications for relief have been solicited in this office; that 235 were considered undeserving receiving good advice, costing nothing; that 894 applied for and received medical aid, either in office, home or hospital; that 178 families received wood only; that 470 families received both wood and groceries; that 82 men were furnished work; that 154 persons were furnished transportation; that 88 persons were cared for at the almshouse.

The above detail of the various help furnished could not be lessened in any particular, except in the item of out-door relief (so-called) and given through habit to those who are able bodied, and have spent their substance in dissipation and riotous living, the excuse being in many cases that they cannot obtain work, when the very reason is apparent that they have misappropriated their earnings in bad management, expecting the poor department to tide them over the winter as a matter of custom. This weakens, or at least postpones, and often partially paralyzes the efforts of individual recipients for self help. It is therefore to be condemned for this, if for no other, reason. Certainly the most practical, helpful and useful form of charity, whether considered from its effects upon the community or the individual, is to encourage everybody, as far as practical, to provide for themselves. Any practice or principle which secures the safety or comfort of an individual without his own personal effort or the strenuous exercise of some vital faculty is destructive of self respect and debases moral character; it makes paupers and criminals, and consumers of and depredators on the industry and savings of others, and whether the city or the individual gives a loaf of bread or dollar of money to him who is able to work, without requiring something of him in return, it starts him on the road to pauperism, and, once there, may propagate into hundreds of human beings thus depraved from one parent stem. There are many people, as is well known to all persons who have had any experience in the distribution of either public or private charity, who live in expectation of being helped all their lives. Throughout the year they press more or less upon pity and the poor fund for out door relief, and it is found, after careful and impartial investigation, that they can get along without help. In some cases applicants have been found to possess property or to have laid up money from which they draw interest.

Complaints are often made by superficial sympathizers who do not know the real state of the case, and much fraud and imposition comes from this direction, to say nothing of the chronic dead beats who are scarcely distinguishable from criminals. I would deprive no meritorious case of that humane charity, which blesses alike him who receives it and him by whom it is given. I only urge that in order to be permanently helpful and beneficial, it should be more cautiously bestowed than our present out-door system admits of, especially in large cities like this.

To recapitulate my ideas in an abbreviated form, I would say that the department of poor, in continuing out-door relief, except to those incapacitated by age, physical disability or sickness, is robbing the churches of one of their most sacred duties, viz., the care and visitation of the poor at their homes. By this method the membership of the

various churches is made stronger through this moral duty performed by its deacons and committees in giving relief and moral advice to those in their respective districts.

To this end would I devote my whole time, being assured by the success already obtained that in the near future unnecessary pauperism, which degrades a community, will vanish from our fair city, leaving us only the unfortunate, who, by no acts of theirs, become incapacitated for self-support. To such the tax-paying citizens of this city are desirous we should extend a helping hand.

And to you, Mr. Mayor and Gentlemen of the Board of Charities and Corrections, I would most earnestly thank one and all for the sympathetic co-operation extended to me in this most difficult and laborious office, created for the uplifting of mankind.

I am, gentlemen, with high respect, your most obedient servant,

C. L. SNYDER,

Superintendent of Poor and Secretary to the Board of Charities and Corrections.

1

ANNUAL REPORT
CITY HOSPITAL.

1891.

COMMITTEE OF THE CITY COUNCIL ON HEALTH AND HOSPITALS.

Alderman H. W. BRAZIE, M. D.,
Alderman J. S. GRAY,
Alderman F. A. SCHWARTZ.

BOARD OF CHARITIES AND CORRECTIONS.

P. B. WINSTON, Mayor, Member *ex-officio*.
O. C. MERRIMAN, Resigned. PROF. J. G. MOORE,
BERNARD CLOUTIER, H. B. MARTIN,
F. R. WOODARD, M. D.

OFFICERS OF CITY HOSPITAL.

SUPERINTENDENT:
C. A. CHASE, M. D., City Physician.

ASSISTANT CITY PHYSICIANS:
C. G. WESTON, M. D. E. T. GIBSON, M. D.

MATRON:
MRS. L. H. BARD.

RESIDENT PHYSICIANS:
G. STOWELL, M. D., H. L. DARMS,
C. O. ATHERTON, M. D., G. W. DAHLQUIST.

NURSES:
Miss PAULINE WOLD, Miss E. G. DUNCAN,
Miss M. C. HANSON, Miss J. R. HAYES,
Miss A. C. MANCHESTER, Miss M. MCCOY,
Miss E. PRICE, Miss H. M. DORWAN,
Miss F. A. HAM, WM. MCCONNELL,
R. H. DOUGLASS, A. K. WILSON,
G. W. PIERCE.

TYPHOID FEVER.—TABLE NO. 6.

OCCUPATIONS OF THE CASES REPORTED DURING THE YEAR 1891.

Laborers.....	113	Students.....	6
Domestics.....	65	Butchers.....	6
Housewives.....	50	Sewer laborers.....	5
School girls.....	57	Bakers.....	5
School boys.....	41	Teamsters.....	5
Clerks.....	25	Machinists.....	5
Carpenters.....	17	Under school age.....	24
Seamstresses.....	10	Scattering.....	79
Teachers.....	9	Unknown.....	38
Millers.....	7		
Coachmen.....	6	Total.....	582

TYPHOID FEVER.—TABLE NO. 7.

CAUSES—SOURCES OF INFECTION, AS FAR AS ASCERTAINABLE.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Well water.....	9	3	1	1	6	12	27	33	20	7	119		
Other cases.....	9	6	2	1	2	11	15	18	8	7	79		
Surroundings unsanitary.....	3	5	3	3	2	8	12	11	7	2	56		
Defective plumbing.....	3	1	1	1	1	1	2	5	3	16			
Clster water.....	2	2	1	1	2	1	1	1	2	9			
Stagnant water.....	2	1	1	1	2	1	1	1	1	1			
Surface drainage.....	1	1	1	1	1	1	1	1	1	1			
Sewers, work in.....	1	1	1	1	1	1	1	1	1	1			
Sewers, opening up old.....	1	1	1	1	1	1	1	1	1	1			
Cesspools.....	1	1	1	1	1	1	1	1	1	1			
Opening up Gt. Nor'n RR. viad'ct.....	1	1	1	1	1	1	1	1	1	1			
Shipboard, contracted on.....	2	1	2	1	2	6	5	11	10	8	52		
Imported cases.....	2	1	2	1	2	6	5	11	10	8	52		
Unknown.....	35	31	8	7	10	18	27	20	19	24	19	8	226
Totals.....	64	45	19	11	13	24	58	68	97	94	56	33	582
Sewer connections.....	15	15	2	1	3	14	12	14	6	2	7	91	
Proportion of cases found where no sewer cnetns existed, percent	74	66	89	91	100	87½	76	78	86	93	96	78	84.5

TYPHOID FEVER.—TABLE NO. 8.

AVERAGE DURATION OF THE DISEASE IN FATAL CASES OF TYPHOID FEVER DURING THE YEAR 1891—IN DAYS.

Jan.	Feb.	Mar.	Apr.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Average for fatal cases.
20.2	25.3	11.6	15.0	18.4	17.0	24.4	27.4	21.0	30.6	23.1	28.8	21.9

The longest case ran 70 days, ending in October.
The next longest case ran 66 days, ending in October.
The shortest cases (2) ran 5 days.

year ago creating the Board of Charities and Corrections was doubtless framed having in view this principle, which is vital to the welfare of all charitable institutions.

How far superior the accomplishments of the new Board may be as compared with those of the old remains to be seen, for time is requisite in any change of government for all its merits to be exemplified. As to my department, suffice it to say a zeal and spirit of progress has characterized the present Board which has been highly gratifying and augurs well for the success of the new regime.

Hardly a change which the City Physician has ever urged in the past but what has been or is about to be forthcoming. The prevailing spirit seems to be to furnish every facility which will evidently be an improvement in the workings of the department.

Especially noteworthy and not to be gainsaid among the changes wrought by the action of your board is the granting of another Assistant City Physician; thus enabling the dividing of the city into districts, the assigning to each assistant a certain territory, the supplying of a long felt want and the insuring of a service more prompt, more efficient and more satisfactory to all concerned.

All friends of the City Hospital appreciate the strenuous efforts which have been put forth the past year to secure a new City Hospital. Necessary legislation was enacted which was zealously backed up by your Board and a goodly number of the city council by endeavoring to issue bonds sufficient in amount to make at least a beginning in the erection of a new hospital: but, owing to some cause, the measure was defeated, much to the disappointment of a great many.

So much has been said on this subject by those conversant with the pressing needs in this direction it seems at times worse than useless to say or do more, and is disheartening to attempt to accomplish anything with such odds against us. But as in many another, noble, philanthropic undertaking repeated efforts have been doomed to disappointment, but were finally crowned with success, so may it be in this enterprise. By constant agitation of the subject and by untiring, zealous persistence in every laudable way "it will follow as the night the day" that all this labor and waiting has not been in vain.

No one understands more fully the exigent needs of the city as relates to a proper plan for caring for her sick, and none will be on the alert more actively than yourselves to take advantage of any circumstance which will secure a needed, lasting blessing for the cause of suffering humanity.

Another great and evident need of the department is some better means of conveying the sick and injured to hospital than those now employed. Other cities of far less importance than this, and private hospitals in this city have a respectable ambulance service by which the sick and maimed can be transported in a comfortable and safe manner. The custom in our city of conveying the sick by hacks, and accident cases by the patrol wagon, in all weathers and from all distances, is familiar to all. I am satisfied that such means of conveyance are not only not economic and the best, but that precious lives are lost annually by this method.

We admit to hospital cases of typhoid fever, pneumonia, etc., which are moved, under protest, in all stages of the disease, even at a stage when but a trifle determines the question of recovery or mortality. We have

cases of accident brought by patrol from long distances so thoroughly chilled that it is next to impossible to establish reaction, much less to think of operating successfully. In the light of these facts it is hoped that the matter may receive your candid consideration and support.

I am of the opinion that an ambulance service, as good as any, could be formed with our present corps of physicians through the co-operation of the police department and maintained at a less expense than that of the present system.

My assistants, Drs. Gibson and Weston, with myself, have made a total of 5,923 visits and office consultations, variously distributed over the city, at city hall office, lock-up, workhouse, hospital and patients' residences. They have proved themselves the right men in the right places. Dr. Weston is a man specially adapted to his duties by previous experience in similar work and hospital life. Dr. Gibson, as police surgeon, has performed his duties to the entire satisfaction of all interested.

In fact all the employes of this department, as a rule, have been faithful and conscientious in the discharge of their duties and are worthy of your commendation.

The usual donations, from thoughtful friends, of reading matter, fruits, flowers, etc., which are such welcome visitors in the sick room, the Superintendent desires to acknowledge on behalf of the grateful patients. The kindly ministrations of friends, missionaries and clergymen have been beneficial and cheered many a sad heart and shortened many a long hour of suffering.

To the medical profession as ever I am indebted for their frequent counsel and co-operation, which I would gladly reciprocate.

To the Committee on Health and Hospitals, under whom I served the first half of the year, as well as to your honorable body, I wish to extend my heartfelt thanks for all personal favors shown me during our short official acquaintance. Especially grateful am I for all favors wherein the service of the department has been improved and the welfare of the unfortunate sick has been enhanced.

Respectfully yours,

CHARLES A. CHASE,

Superintendent.

CITY OF MINNEAPOLIS.

MONTHLY REPORT OF CITY HOSPITAL FROM JANUARY 1, 1891, TO DECEMBER 31, 1891.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
No. patients in hospital on first of month.....	45	51	48	46	47	39	38	35	33	41	39	45	.....
No. patients admitted during month.....	47	42	42	43	46	41	43	36	39	46	39	39	539
No. patients discharged during month.....	34	38	38	39	46	35	34	32	28	28	20	25	417
No. patients died during month.....	7	7	6	3	8	7	12	6	3	10	4	3	76
No. patients treated during month.....	92	93	90	89	93	80	81	71	72	87	69	94	.....
No. patients in hospital on first of following month..	51	48	46	47	39	28	35	33	41	39	45	46	.....
No. days treatment during month.....	1,305	1,435	1,423	1,429	1,116	1,054	1,125	1,013	1,000	1,170	1,141	1,544	14,514
No. weeks treatment during month.....	186 4	205	203 3	204 1	159 4	150 5	160 7	144 7	150	168 4	163	220 6	2,116 3
Total expenditure of hospital for each month.....	\$1,311.95	\$1,014.85	\$1,055.57	\$918.30	\$812.28	\$836.45	\$872.07	\$827.85	\$723.19	\$873.62	\$907.22	\$1,145.59	\$11,403.94
Less cost of permanent improvements.....	139.07	76.89	31.40	.....	19.03	29.90	77.48	95.12	26.70	9.30	81.66	26.22	622.57
Actual expense of hospital for each month.....	1,172.88	938.16	1,024.17	818.30	793.25	806.55	794.59	732.73	705.49	860.32	815.56	1,109.37	10,780.37
Cost per week per capita.....	6.29	4.57	5.04	4.01	4.98	5.36	4.94	5.75	4.70	5.16	5.61	5.03	.....
Cost of provisions per week per capita.....	324.42	298.61	333.34	245.68	262.64	300.61	233.24	285.58	229.73	321.09	315.41	322.79	3,453.14
Average number of days of each patient in hospital..	1.74	1.42	1.64	1.20	1.65	2.00	1.45	1.98	1.53	1.91	1.91	1.51	.....
	14 17-92	15 40-93	15 72-90	16 5-89	12	13 7-40	13 72-81	14 19-71	14 7-12	13 10-20	16 37-49	16 8-21	.....

MEDICAL CASES.

	Male.	Female.	Total..		Male.	Female.	Total..
Typhoid fever.....	58	23	81	General tuberculosis.....	..	2	2
Phthisis pulmonalis.....	34	6	40	Thermic fever.....	2	..	2
Rheumatism, acute.....	21	7	28	Uraemia.....	1	1	2
gonorrhoeal.....	..	6	6	Dysentery.....	1	1	2
chronic.....	4	1	5	Conjunctivitis.....	1	1	2
muscular.....	4	1	5	Chlorosis.....	1	..	1
sub acute.....	2	2	4	Salpingitis.....	1	2	3
Pneumonia.....	21	10	31	Ovaritis, acute.....	1	1	2
Alcoholism, acute.....	..	4	4	Ovaritis, chronic.....	1	1	2
Delirium tremens.....	2	2	4	Cystitis, acute.....	1	..	1
Bronchitis, acute.....	3	3	6	Hydro pneumo thorax and	..	..	..
Bronchitis, chronic.....	..	1	1	general tuberculosis.....	1	..	1
Malingery.....	3	5	8	Lumbago.....	1	..	1
Febricula.....	7	5	12	Pregnancy.....	1	1	2
Heart disease, valvular....	..	1	1	Pernicious anaemia.....	1	..	1
Heart disease, functional....	..	2	2	Phlebitis.....	1	1	2
Insanity.....	..	1	1	Partial starvation.....	1	..	1
Insanity, puerperal.....	..	1	1	Hystero-epilepsy.....	1	..	1
La Grippe.....	2	1	3	Miscarriage.....	1	1	2
Cholera morbus.....	2	2	4	Empyema.....	1	1	2
Peritonitis.....	..	2	2	Epistaxis.....	1	..	1
Peritonitis puerperal.....	..	2	2	Aphasia.....	1	..	1
Pleurisy, effusion.....	..	4	4	Nervous shock.....	1	..	1
Haemorrhage, cerebral.....	2	1	3	Melancholia.....	1	..	1
Haemorrhage, spinal.....	..	1	1	Hodgkins disease.....	1	..	1
Myelitis, chronic.....	3	..	3	Endocarditis.....	..	1	1
Myelitis, acute.....	1	..	1	Arcola hyperplasia uteri.....	1	1	2
Meningitis.....	..	1	1	Typhilitis.....	1	1	2
Meningitis purulent.....	..	1	1	Hysteria.....	1	1	2
Spinal sclerosis.....	..	1	1	Malaria.....	1	..	1
Solatica.....	2	1	3	Leucocythaemia.....	..	1	1
Diarrhoea.....	2	3	5	General debility.....	1	..	1
Epilepsy.....	1	2	3	Dementia.....	1	1	2
Constipation.....	1	2	3	Gen. glandular inflammation	1	..	1
Poisoning, strychnia.....	..	2	2	Cirrhosis of liver.....	1	..	1
Poisoning, chloroform.....	1	1	2	Chronic gastric catarrh.....	1	1	2
Bright's disease.....	2	..	2	Acute nephritis.....	1	..	1
Acute gastritis.....	..	2	2	Electric shock.....	1	..	1
Laryngitis et pharyngitis.....	..	2	2	Cramps, stomach.....	1	..	1
Asthma.....	..	2	2	Chorea.....	1	..	1
Partial asphyxia.....	..	2	2	Cancerous cachexia.....	1	..	1
Cephalalgia.....	..	2	2				
Paresis, legs and arms.....	1	1	2				
Tumor, cerebri.....	2	..	2				
				Totals.....	256	112	368

SURGICAL CASES.

	Male.	Female.	Total.		Male.	Female.	Total.
Fractures, leg.....	4	1	5	Hernia, strangulated, inguinal.....	2	1	3
femur.....	3	1	4	inguinal.....	1	1	2
femur, intra capsular.....	3	1	4	Ulcers, leg.....	4	1	5
Potts.....	1	1	2	cornea.....	2	1	3
clavicle.....	1	1	2	Synovitis, knee.....	2	1	3
metatarsal.....	1	1	2	ankle.....	1	1	2
compound, leg.....	1	1	2	wrist, chronic.....	1	1	2
skull.....	1	1	2	Burns, arm.....	1	2	3
inferior maxillary.....	1	1	2	back.....	1	1	2
comp. com., leg and femur.....	2	1	3	general.....	1	1	2
Colles.....	1	1	2	fingers.....	1	1	2
rib.....	1	1	2	Frozen feet.....	3	1	4
humerus.....	1	1	2	Frozen toes.....	2	1	3
ulna.....	1	1	2	Cellulitis, hand.....	3	1	4
spine.....	1	1	2	feet.....	1	1	2
radius and ulna.....	1	1	2	ankle.....	1	1	2
femur and inferior maxillary.....	1	1	2	Carbuncles, neck.....	2	1	3
crushed fingers.....	1	1	2	hand.....	1	1	2
base of skull and Colles.....	1	1	2	Necrosis, tibia.....	1	1	2
comp. com., foot.....	1	1	2	tibia and fibula.....	1	1	2
comp. leg and multiple injuries.....	1	1	2	toe.....	1	1	2
comp. com., ilium and multiple inj's.....	1	1	2	femur.....	1	1	2
skull, comp. com., legs and multiple injuries.....	1	1	2	Abscess, axilla.....	1	1	2
ribs, comp. radius and multiple inj's.....	1	1	2	mammary.....	1	1	2
Wounds, incised, scalp.....	3	1	4	ischio-rectal.....	1	1	2
scalp and face.....	1	1	2	Stricture, urethra.....	2	1	3
wrist.....	1	1	2	urethra with infiltration.....	1	1	2
foot.....	1	1	2	Syphilis.....	3	1	4
lacerated toes.....	2	1	3	Bubo.....	4	1	5
scrotum.....	2	1	3	Potts, disease of the spine.....	1	2	3
hand.....	1	1	2	Eczema.....	2	1	3
scalp and thigh.....	1	1	2	Enlarged and suppurating glands, cervical.....	1	2	3
contused, thigh.....	1	1	2	Epididymitis.....	3	1	4
neck.....	1	1	2	Gonorrhoea.....	2	2	4
thumb.....	1	1	2	Hip joint disease.....	2	1	3
hip and face.....	1	1	2	Ochritis.....	2	1	3
gunshot, neck.....	1	1	2	Concussion of brain.....	2	1	3
gunshot, head.....	1	1	2	Amputation leg, convalescent.....	1	1	2
stab. neck, breast and back.....	1	1	2	Iritis and corneal ulcer, gonorrhoeal.....	1	1	2
Sprains, ankle.....	5	1	6	Epithelioma, penis.....	1	1	2
back.....	4	1	5	Paraphymosis.....	1	1	2
knee.....	3	1	4	Dislocation, shoulder, convalescent.....	1	1	2
wrist.....	1	1	2	Lacerated cervix.....	1	1	2
Hernia, strangulated, femoral.....	1	2	3	Fistula in ano.....	1	1	2
				Sarcoma, testis.....	1	1	2
				Chancroid.....	1	1	2
				Balanitis.....	1	1	2
				Ovarian haematocoele.....	1	1	2
				Cystic tumor, knee.....	1	1	2
				Resection knee, convalescent.....	1	1	2
				Totals.....	144	27	171

HOSPITAL REPORT.

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AGE OF PATIENTS.

From one to ten years	1	From fifty to sixty years	47
From ten to twenty years	37	From sixty to seventy years	12
From twenty to thirty years	219	From seventy to eighty years	4
From thirty to forty years	136	From eighty to ninety years	1
From forty to fifty years	82	Total	530

NATIONALITY OF PATIENTS.

Swedes	132	Scotch	7
Americans	99	Hebrews	5
Norwegians	78	Canadians	4
Irish	69	Bohemians	3
Germans	67	Russians	2
English	16	Icelanders	2
French	12	Italian	1
Finlanders	11	Hungarian	1
Negroes	10	Welsh	1
Danes	10	Total	530
Poles	9		

RELIGION OF PATIENTS.

Lutheran	216	Congregationalist	4
Catholic	126	Christians	2
None	100	Universalist	2
Methodist	27	Spiritualist	1
Baptist	13	Agnostic	1
Jew	12	Salvation army	1
Presbyterian	11	Unitarian	1
Protestant	8	Peoples	1
Episcopal	7	Total	530
Swedish mission	6		

OCCUPATION OF PATIENTS.

Laborer	208	Agent	2
Domestic	80	Porter	2
Housewife	29	Watchman	2
Teamster	15	Dairyman	2
Cook	11	Glazier	1
Seamstress	11	Cistern cleaner	1
Carpenter	10	Sawyer	1
Painter	10	Brakeman	1
Clerk	10	Steam fitter	1
Peddler	9	Liveryman	1
Farmer	8	Bridgebuilder	1
Blacksmith	8	Tinsmith	1
Stone mason	7	Fireman	1
Walter	5	Steward	1
Bartender	5	Newsboy	1
Bookkeeper	5	Brewer	1
Waitress	4	Moulder	1
Tailor	4	Weaver	1
Plumber	4	Saloonkeeper	1
Machinist	4	Collector	1
Barber	4	Watch maker	1
Butcher	3	Curtain maker	1
Solicitor	3	Fruit dealer	1
Cooper	3	Crimper	1
Switchman	3	Merchant	1
Student	3	Scavenger	1
Shoemaker	3	Reporter	1
Hostler	3	Pointer	1
Engineer	3	Oiler	1
Janitor	2	Pressman	1
Baker	2	Street car driver	1
Conductor	2	Cashier	1
Plasterer	2	Newsdealer	1
Musician	2	Gardener	1
Boiler maker	2	Broom maker	1
Actress	2	Hod carrier	1
Horse shoer	2	Millwright	1
Stone cutter	2	Soldier	1
Miller	2	Total	530
Actor	2		

SOCIAL CONDITION.

Single	300
Married	102
Widowed	47
Total	530

NUMBER OF DEATHS AND CAUSES.

	Male.	Female.	Total.
Phthisis Pulmonalis.....	19	4	23
Pneumonia.....	8	3	11
Shock following accident.....	9	1	10
Typhoid fever.....	5	2	7
Peritonitis ac. diffuse.....	1	2	3
Peritonitis puerperal.....	1	1	2
General tuberculosis.....	1	2	3
Myelitis.....	2	1	3
Uraemia.....	1	1	2
Cerebral haemorrhage.....	1	1	2
Heart disease, valvular.....	2	2	4
Meningitis, cerebral.....	2	1	3
Meningitis, purulent.....	1	1	2
Pernicious Anaemia.....	1	1	2
Pleurisy with effusion.....	1	1	2
Carcinoma, lungs & pelvis.....	1	1	2
Suicidal shooting.....	1	1	2
Gen'l glandular inflammat'n.....	1	1	2
Strangulated hernia.....	1	1	2
Total.....	58	18	76

SIXTH ANNUAL REPORT
Superintendent Minneapolis Workhouse.

1891.

BOARD OF CHARITIES AND CORRECTIONS OF THE CITY OF MINNEAPOLIS

MAYOR P. B. WINSTON, *ex-officio*.
B. CLOUTIER, Chairman, H. B. MARTIN,
DR. F. R. WOODARD, PROF. JOHN G. MOORE,
CAPT. C. L. SNYDER, Secretary.

COMMITTEE ON WORKHOUSE

H. B. MARTIN, Chairman, PROF. JOHN G. MOORE.

PRESENT OFFICERS AT WORKHOUSE

MATHIAS GROSS	-	-	-	-	Superintendent.
M. WHEALAN	-	-	-	-	Deputy.
GEO. P. DODD	-	-	-	-	Hall Master.
E. R. MOHLER	-	-	-	-	Engineer.
FRANK BUCKLEY	-	-	-	-	Asst. Engineer.

GUARDS

H. E. STROUT,	JOSEPH FARRELL,
WILLIAM BURNS,	A. A. SANFORD,
HENRY GOSS,	ALEX GALLIPEAN,
CHAS. HOPPER,	JOHN HAEHN.

J. C. POUCHER, Driver.
JOHN HARRINGTON, Cook.
MRS. ANJIE TAYLOR, Matron.
THOS. H. LUCAS, Night Watch.

MINNEAPOLIS WORK HOUSE.

MINNEAPOLIS WORK HOUSE, Jan, 4, 1892.

To the Honorable Board of Charities and Corrections.

GENTLEMEN:—I have the honor to submit herewith the sixth annual report of the Work House. Having been elected superintendent by your honorable body, December 21st, this report covers the time of my predecessor, Mr. John West, up to that time and I submit the statistics as I find them.

The number of inmates received during the year was, males, 1,588; females, 98; a total of 1,686, a falling off from last year of 36.

STATISTICAL.

The accompanying tables will show everything in detail. The total outlay for the Work House for the year was \$21,888.97. This includes salaries of officers and employes. The living expense was \$3,593.96. The farm produce used added make a total for that item of \$3,933.49. The number of days fed, including officers and employes, was 40,880; the cost per capita per diem was 9.62 cents; per week, 67.34 cents, which I think is a good showing, as the officers and inmates are well fed.

The report in detail will show for itself the exact condition of affairs.

I desire to make a few suggestions relative to the efficient conduct of the Work House. I desire that the officers be sworn in and that they be supplied with some badge or uniform; that they be clothed with special police powers, as far as pertains to the Work House and its inmates. I have made some changes, and, with the approval of the board, will make more if it is necessary to do so.

Old men are not the proper material from which to make guards for a prison. The very foolish notion is abroad that anyone will do for a guard at the Work House, when as a matter of fact we need young, active, robust men of good judgment, and not decrepid, sickly men who are unfit for any other occupation or labor.

PRISON LABOR.

At present we are working about seventy men in the quarry every day, blasting and clearing off the stone. In the spring we will have 2,500 loads of stone ready to macadamize the roads leading to and from the city. This is the only work now except the routine work of the prison. The question of labor is a very important one, and before long must be solved by your honorable body.

The sewage and water supply will also require attention. I trust with the aid of the board, to be able during the coming year to make as good a showing as any institution of the kind, with the same chance that we have.

Very respectfully,

MATHIAS GROSS,
Superintendent.

**LEDGER BALANCES OF THE MINNEAPOLIS WORK HOUSE FOR THE FISCAL
YEAR ENDING DEC. 31, 1891.**

	Dr.	Cr.
Insurance.....	\$ 908.75	
Printing and stationery.....	44.16	
Tools.....	22.25	
Salaries.....	10,462.62	
Fuel and light.....	1,770.03	
Expense account.....	1,155.98	
Building and repairs.....	1,565.87	
Living.....	3,593.96	
Medical expense.....	106.54	
Farm and garden.....	1,024.06	
Stock, harness and implements.....	40.08	
Feed.....	1,103.42	
Routine work.....	7,320.73	
House furnishing.....	445.79	
Public road work.....	7,863.00	
Clothing.....	2,429.76	
Improving grounds.....	703.50	
Cutting ice.....	93.75	
Work of teams.....	2,764.50	
Work house collections.....	239.65	
Convict labor.....		\$18,765.00
Teaming.....		2,764.50
City treasurer and secretary of board.....		239.65
Bills audited.....		21,888.97
Total.....	\$43,658.12	\$43,658.12

BILLS AUDITED EACH MONTH.

January.....	\$ 2,662.09	
February.....	2,317.12	
March.....	1,891.28	
April.....	1,617.07	
May.....	1,540.70	
June.....	1,856.27	
July.....	1,364.06	
August.....	1,340.31	
September.....	1,379.27	
October.....	1,520.18	
November.....	2,347.05	
December.....	2,051.15	
Total.....	\$21,888.97	
Work house collections.....		239.65
Convict labor.....		18,765.00
Teaming.....		2,764.50
Total.....		\$43,658.12

**AVERAGE NUMBER OF PRISONERS IN WORK HOUSE FOR THE FISCAL
YEAR ENDING DECEMBER 31, 1891.**

MONTH.	No. of days.	Whole number.	Daily average.
January.....	31	3,385	109.19
February.....	28	3,122	111.50
March.....	31	3,715	119.84
April.....	30	3,011	100.37
May.....	31	1,995	64.35
June.....	30	2,185	72.83
July.....	31	2,147	69.26
August.....	31	1,038	33.48
September.....	30	1,805	60.17
October.....	31	2,068	66.71
November.....	30	2,913	97.10
December.....	31	4,181	134.87
Total number of days.....	365		
Total days.....		32,485	
Daily average for the year.....			89.

WORKHOUSE REPORT.

425

RESULTS OF FARMING.

	DR.	CR.
Peas, 15 bushels @ 35c.....	\$5.25	
Beans (string) 8 bushels @ 50c.....	4.00	
Cucumbers (table) 10 bushels @ 25c.....	2.50	
Onions, 135 bushels @ 50c.....	67.50	
Beets, 75 bushels @ 25c.....	18.75	
Parsnips, 120 bushels @ 25c.....	30.00	
Carrots, 317 bushels @ 40c.....	126.80	
Turnips, 90 bushels @ 25c.....	22.50	
Cantaloupes, 125.....	2.50	
Water melons, 100.....	3.00	
Squash, 250.....	12.50	
Pumpkins 50.....	2.50	
Citrons, 100.....	.75	
Sweet corn, 375 doz. @ 5c.....	17.75	
Celery, 50 doz. @ 5c.....	2.50	
Early vegetables.....	25.00	
Tomatoes, 125 bushels @ 40c.....	50.00	
Cucumbers, pickling 8 bushels @ 1.00.....	8.00	
Cauliflower 75 @ 5c.....	3.75	
Cabbage, 1,200.....	25.00	
Beans (field) 30 bushels @ \$2.25.....	67.50	
Corn (field) 325 bushels @ 40c.....	130.00	
Hay, 6 tons @ \$10.....	60.00	
Corn fodder.....	15.00	
Potatoes, 2,045 bushels @ 25c.....	511.25	
5,387 pounds pork @ 5c.....	269.35	
29 shoats on hand @ \$5.00.....	145.00	
Total.....	\$1,628.65	
Convict labor.....		\$822.00
Seed.....		202.06
Balance in favor of farm.....		604.59
Total.....	\$1,628.65	\$1,628.65

MAINTENANCE OF WORK HOUSE FOR THE FISCAL YEAR ENDING DECEMBER 31, 1891.

Salaries.....	\$10,462.62	
Clothing.....	2,429.76	
Living.....	3,593.96	
Feed.....	1,103.42	
Fuel and light.....	1,770.03	
Medical expenses.....	106.54	
Expense account.....	1,155.96	
Surplus of credits over expenditures.....	3,353.13	
Profits of farming.....		\$604.59
Estimated amount of fuel on hand.....		15.00
Estimated amount of groceries on hand.....		126.70
Estimated amount of clothing and bedding on hand.....		1,500.00
Teaming.....		2,764.50
Convict labor.....		18,765.00
Work house collections.....		239.65
Total.....	\$24,015.44	\$24,015.44

MAINTENANCE EXCLUDING CLOTHING, SALARIES, ETC.

Cost of groceries and provisions.....	\$3,593.96	
Farm produced used.....	600.00	
Less groceries and provisions on hand.....		\$126.70
Less cash for board of county prisoners.....		133.77
Total.....	\$4,193.96	\$260.47
Balance total cost.....		\$3,933.49
Whole number of inmates including officers and employes for the year ending December 31, 1891.....		40,890
Cost per capita per diem.....	.00.62	
Cost per capita per week.....	.67.34	
Cost per capita for the year.....	\$35.01.68	

**INVENTORY OF PERSONAL PROPERTY IN MINNEAPOLIS WORKHOUSE
DECEMBER 31, 1891.**

Office.....	\$400.00
Guard room.....	287.00
Library.....	50.00
Barber shop.....	25.00
Officer's sleeping rooms.....	275.00
Cell room, east wing.....	400.00
Cell room, north wing.....	1,100.00
Prisoner's dining room.....	225.00
Officer's mess room.....	65.00
Kitchen.....	475.00
Laundry.....	125.00
Female dormitories.....	225.00
Carpenter shop.....	40.00
Boiler room, tools.....	140.00
Barn, including stock and feed.....	2,120.00
Tool and wagon house.....	700.00
Cellar.....	200.00
Bake shop.....	35.00
Store room, clothing.....	1,500.00
Store room, provisions.....	126.70
Hospital and dispensary.....	175.00
Root house.....	550.00
Ice house.....	20.00
Shoe shop.....	15.00
Total.....	<u>\$9,273.70</u>

WORKHOUSE COLLECTIONS FOR 1891.

Board of county prisoners, 1891.....	\$82.70	
January 1, cow sold.....	20.00	
March 10, calf hide sold.....	1.05	
Wood sold to officers and employes.....	42.08	
October 19, board of county prisoners.....	51.07	
Convict labor, John West.....	2.25	
December, vegetables sold city hospital.....	30.60	
Total.....	<u>\$230.65</u>	
February 21, city treasurer's receipt, No. 3,985.....		\$82.70
Secretary Snyder, board of county prisoners.....		51.07
Secretary Snyder, from John West.....		66.24
Secretary Snyder, from city hospital.....		30.60
Total.....	<u>\$230.65</u>	<u>\$230.65</u>

SUMMARY.

Real estate, 60 acres.....	\$75,000.00
Cost of buildings.....	105,000.00
Improvement on buildings, labor and material.....	1,545.57
Personal property, as per inventory.....	9,273.70
Total.....	<u>\$190,819.27</u>

STATEMENT OF PRISONERS.

Remaining in prison December 31, 1890.

Male.....	87	
Females.....	9	
Total.....		96

Number of prisoners received from December 31, 1890 to December 31, 1891.

Males.....	1,588	
Females.....	98	
Total.....	<u>1,686</u>	1,782

Number discharged.

Males.....	1,526	
Females.....	99	
Total.....		1,625

WORKHOUSE REPORT.

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Whole number discharged.

Expiration of sentence	1,439
Payment of fine.....	87
Sentence suspended.....	85
Pardoned by the governor.....	3
Escaped.....	10
Died.....	1
Total.....	1,625

Remaining in prison December 31, 1891.

Males.....	149	
Females.....	8	
Total	157	157

NUMBER RECEIVED EACH MONTH.

MONTH.	Males.	Females.	Total.
January.....	166	6	172
February.....	133	6	139
March.....	130	9	139
April.....	96	7	103
May.....	99	4	103
June.....	135	8	143
July.....	107	8	115
August.....	105	7	112
September.....	101	14	115
October.....	123	16	139
November.....	163	7	170
December.....	230	6	236
Total	1,588	98	1,686

NUMBER DISCHARGED EACH MONTH.

MONTH.	Males.	Females.	Total.
January.....	156	7	163
February.....	116	4	120
March.....	128	7	135
April.....	152	9	161
May.....	102	8	110
June.....	130	7	137
July.....	113	5	118
August.....	108	9	117
September.....	105	9	114
October.....	107	13	120
November.....	118	16	134
December.....	191	5	196
Total.....	1,528	90	1,625

NUMBER REMAINING AT END OF EACH MONTH.

MONTH	Males.	Females.	Totals.
January.....	97	8	105
February.....	114	10	124
March.....	116	12	128
April.....	60	10	70
May.....	57	6	63
June.....	62	7	69
July.....	56	10	66
August.....	53	8	61
September.....	49	13	62
October.....	65	16	81
November.....	110	7	117
December.....	149	8	157
Total.....	988	115	1,103

TERMS OF SENTENCES OF PRISONERS RECEIVED DURING THE YEAR.

	Males.	Females.	Totals.
Two days.....	2		2
Three days.....	3		3
Five days.....	24		24
Ten days.....	890	21	920
Fifteen days.....	44	1	45
Twenty days.....	163	7	170
Thirty days.....	272	32	304
Forty days.....	1		1
Sixty days.....	142	27	169
Ninety days.....	37	11	48
Total.....	1,587	99	1,686

BY WHOM THOSE RECEIVED DURING THE YEAR WERE CONVICTED.

	Males.	Females.	Total.
District court, Hennepin county.....	2		2
Minneapolis municipal court.....	1,585	99	1,684
Total.....	1,587	99	1,686

PREVIOUS OCCUPATION.

Agents.....	8	Glass blower.....	1
Apprentice.....	6	Gardener.....	2
Acrobat.....	1	Glass cutter.....	1
Brakeman.....	32	Glazier.....	1
Baker.....	9	Housekeeper.....	34
Boiler maker.....	6	Harness maker.....	3
Brick maker.....	1	Helper.....	2
Brick layer.....	14	Hack driver.....	3
Blacksmith.....	19	Horse dentist.....	1
Butcher.....	16	Horse shoer.....	1
Barber.....	27	Hatter.....	2
Box maker.....	1	Hair dresser.....	1
Barkeeper.....	7	Jeweler.....	1
Brass moulder.....	1	Janitor.....	4
Brush maker.....	2	Jockey.....	1
Bookkeeper.....	14	Landlord.....	1
Bell boy.....	1	Laborer.....	711
Boot black.....	1	Lumberman.....	14
Boatman.....	1	Lineman.....	2
Bill poster.....	1	Lather.....	4
Carriage trimmer.....	1	Laundress.....	8
Cigar maker.....	12	Lath sawyer.....	1
Cook.....	33	Laster.....	1
Carpenters.....	34	Molder.....	18
Clerk.....	11	Machinist.....	12
Oakinet maker.....	1	Miller.....	6
Cooper.....	15	Miner.....	3
Chimney sweep.....	1	Musician.....	6
Civil engineer.....	5	Marble cutter.....	1
Compositor.....	6	Meat carver.....	1
Candy maker.....	1	News agent.....	4
Carriage ironer.....	1	No occupation.....	1
Carriage maker.....	1	Nailer.....	3
Cutter.....	4	Nursery man.....	1
Caterer.....	2	Paper maker.....	5
Car repairer.....	1	Plumber.....	6
Collector.....	2	Peddler.....	2
Chambermaid.....	3	Printer.....	19
Contractor.....	1	Plasterer.....	7
Domestic.....	30	Painter.....	40
Draughtsman.....	1	Porter.....	5
Engineer.....	18	Prostitute.....	7
Errand boy.....	3	Polisher.....	2
Expressman.....	4	Plater.....	2
Editor.....	1	Piano finisher.....	1
Farmer.....	31	Pressman.....	6
Fireman.....	12	Pattern maker.....	1
Flour packer.....	5	Pilot.....	1
Florist.....	1	Photographer.....	2
Foreman.....	1	Soldier.....	8
Groom.....	44	Stone mason.....	13

WORKHOUSE REPORT.

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Stone cutter.....	8	Telegraph operator.....	4
Switchman.....	43	Teacher.....	2
Sawyer.....	1	Tobaccoonist.....	1
Shoemaker.....	26	Track layer.....	1
Sailor.....	10	Undertaker.....	1
Salesman.....	7	Upholsterer.....	2
Steam fitter.....	4	Veternary surgeon.....	2
Seamstress.....	5	Walter.....	31
Saloon keeper.....	1	Wood engraver.....	1
Scaler.....	1	Waitress.....	1
Showman.....	1	Well digger.....	3
Student.....	4	Wagon maker.....	2
Scavenger.....	1	Watch maker.....	2
Sail maker.....	3	Wood worker.....	2
Teamster.....	48	Wood turner.....	1
Tailor.....	15		
Tinner.....	14	Total.....	1,686

NATIVITY.

Austria.....	1	Missouri.....	24
Arkansas.....	1	Montana.....	1
Australia.....	1	Nevada.....	1
Bohemia.....	5	New York.....	174
Canada.....	95	New Jersey.....	5
Connecticut.....	3	New Hampshire.....	4
California.....	3	North Carolina.....	4
Colorado.....	1	Nebraska.....	2
Denmark.....	15	New Brunswick.....	6
Dist. of Columbia.....	2	Norway.....	185
England.....	58	Ohio.....	46
Finland.....	8	Poland.....	3
France.....	2	Pennsylvania.....	60
Germany.....	51	Russia.....	1
Georgia.....	3	Rhode Island.....	8
Holland.....	1	St. Helena Island.....	2
Indiana.....	17	Sweden.....	153
Illinois.....	65	Switzerland.....	3
Iowa.....	54	Scotland.....	25
Ireland.....	203	Spain.....	1
Kentucky.....	8	Texas.....	1
Kansas.....	3	Tennessee.....	3
Louisiana.....	4	Vermont.....	11
Maine.....	33	Virginia.....	3
Massachusetts.....	56	Wisconsin.....	100
Michigan.....	45	Wales.....	2
Maryland.....	9	West Virginia.....	1
Minnesota.....	101		
		Total.....	1,686
Foreign born.....			821
Native born.....			865
Total.....			1,686

AGE WHEN COMMITTED.

Under twenty years.....	87
From twenty to twenty-five years.....	215
From twenty-five to thirty years.....	340
From thirty to thirty-five years.....	323
From thirty-five to forty years.....	233
From forty to forty-five years.....	182
From forty-five to fifty years.....	111
From fifty to sixty years.....	155
Sixty years and over.....	40
Total.....	1,686

RELIGIOUS TRAINING.

Roman catholics.....	761
Protestants.....	777
Without religious training.....	148
Total.....	1,686

HABITS OF LIFE.

Claim to be temperate.....	75
Moderate use of liquors.....	508
Admit themselves to be intemperate.....	1,103
Total.....	1,686

CRIME OR OFFENCE.

Assault and battery.....	18
Appearing in male attire.....	2
Cruelty to animals.....	2
Common prostitute.....	1
Contempt of court.....	3
Drunkenness.....	974
Disorderly conduct.....	117
Default of bonds to keep the peace.....	1
Fornication.....	4
Found in house of ill fame.....	13
Failure to support family.....	4
Fast driving.....	2
Gambling.....	5
Indecent exposure.....	3
Keeping house of ill fame.....	3
Keeping disorderly house.....	1
Larceny (Grand 3d degree).....	1
Larceny (Grand 2d degree).....	2
Larceny (petit).....	151
Malicious destruction of property.....	1
Obtaining money under false pretenses.....	5
Obtaining goods under false pretenses.....	3
Occupying rooms for purpose of prostitution.....	1
Peddling without license.....	2
Selling liquor without license.....	4
Vagrancy.....	339
Violating city ordinance.....	2
Using obscene language.....	2
Wife beater.....	1
Disturbing religious meeting.....	2
Total.....	1,686

COLOR.

White.....	1,665
Black.....	20
Indian.....	1
Total.....	1,686

SOCIAL RELATIONS.

Married and having children.....	236
Married and having no children.....	76
Widows and widowers having children.....	79
Widows and widowers having no children.....	27
Unmarried and having both parents living.....	323
Unmarried and having one parent living.....	278
No relations.....	667
Total.....	1,686

EDUCATION.

Could read and write.....	1,607
Could read only.....	36
Could neither read or write.....	43
Total.....	1,686

HEALTH ON ADMISSION.

Good health.....	1,300
Poor health.....	307
Cripples.....	19
Totals.....	1,686

PREVIOUS CONVICTIONS.

Received for the first time.....	891
Recommitted once.....	200
Recommitted twice.....	147
Recommitted three times.....	106
Recommitted four times.....	79
Recommitted five times.....	74
Recommitted six times.....	51
Recommitted seven times.....	26
Recommitted eight times.....	21
Recommitted nine times.....	15
Recommitted ten times.....	6
Recommitted eleven times.....	3
Recommitted twelve times.....	2
Recommitted thirteen times.....	1
Recommitted fourteen times.....	1
Recommitted fifteen times.....	1
Recommitted sixteen times.....	1
Recommitted seventeen times.....	1
Total.....	1,686

TABLE SHOWING THE GAIN IN WEIGHT OF PRISONERS DURING THEIR TERM OF IMPRISONMENT.

TIME IMPRISONED.	Number weighed	Increase	Decrease	Balance	Largest single increase	Largest single decrease	Average increase	
		lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	oz.
Ten days.....	602	1,652	540	1,103	14	10	1	9½
Fifteen days.....	33	73	32	41	9	10	1	3½
Twenty days.....	127	407	64	343	16	7	2	12½
Thirty days.....	197	704	119	585	18	7	2	15½
Sixty days.....	79	335	84	251	15	11	3	03
Ninety days.....	29	88	55	33	26	20	1	01
Total.....	1,157	3,250	903	2,356				

ANNUAL REPORT
INSPECTOR OF STREET LIGHTS.
1891.

MEMBERS OF THE STANDING COMMITTEE ON GAS

Alderman J. H. PARRY, *Chairman*.

Aldermen DURNAM, FARNSWORTH, SCHWARTZ, HAYNES.

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INSPECTOR OF STREET LIGHTS.

Inspector of Street Lights.

SHOWING THE NUMBER OF LAMPS OUT AND DEDUCTIONS MADE.

Error in number of lamps reported	\$23.00
Errors in bills presented	21.40
Total.....	\$920.43

TABLE No. 2.

SHOWING THE NUMBER OF LIGHTING NIGHTS AND HOURS LIGHTED, AS
PER SCHEDULE OF STREET LIGHTING, ALSO THE EXCESS
LIGHTING OWING TO CLOUDY WEATHER.

1891.	Gas.		Gasoline.		Electric.			
	No. of lighting nights.	Hours. lighted.	No. of light- ing nights.	Hours lighted.	No. of lighting nights.	Hours required by sched'le.	Excess of schedule.	Total hours.
January.....	21	194	21	182	28	2,16	43	256
February.....	18	156	18	156	24	189	52	241
March.....	20	152	20	147	27	173	73	246
April.....	19	145	19	140	25	156	32	188
May.....	20	135	20	135	29	149	17	196
June.....	20	128	20	128	27	145	32	177
July.....	22	131	22	126	28	143	17	180
August.....	23	150	23	143	28	157	12	169
September.....	22	173	22	167	27	186	7	193
October.....	23	193	23	185	28	211	34	245
November.....	22	207	22	207	27	236	40	285
December.....	22	221	22	221	28	259	46	305
Total.....	252	1985	252	1,937	326	2,220	414	2,634

TABLE No. 3.

SHOWING THE ELECTRIC LAMP REMOVALS FOR THE YEAR 1891.

From Chicago ave. and Twenty-sixth st., to Tenth ave. south and Thirty-fifth st.
From Chicago ave. and Twenty-eighth st., to Fourteenth ave. south and Thirty-fifth st.
From Chicago ave. and Twenty-ninth st., to Cedar ave. and Thirty-fifth st.
From 18½ ave. NE. and Quincy st., to Nineteenth ave. NE. and Central ave.
From Third ave. NE. and Jackson st., to Third ave. NE. and Central ave.
From Twenty-eighth ave. south and Twenty-seventh st., to Twenty-seventh ave.
south and Twenty-seventh st.
From Twenty-eighth ave. south and Twenty-sixth st., to Twenty-seventh ave. south
and Twenty-sixth st.
From Twenty-third ave. south and Twenty-sixth st., to Minnehaha ave. and Thirty-
second st.
From Third ave. south and Twenty-seventh st., to Seventh ave. NE. and Ramsey st.
From Third ave. south and Twenty-eighth st., to Fourth ave. south and Thirty-
eighth st.
From High st., opposite Union Depot, to High st. and First ave. south.
From Lyndale ave. south and Lincoln ave., to Nineteenth ave. and Second st. south.

TABLE No. 4.

SHOWING NUMBER OF ELECTRIC LAMPS ADDED TO THE SERVICE DURING
THE YEAR 1891, AND WHERE PLACED.

On Third street north, at Fourteenth avenue north.
On Third street north, at Fifteenth avenue north.
On Third street north, at Seventeenth avenue north.
On Third street north, at Eighteenth avenue north.
On Third street north, between Eighteenth and Twentieth avenue north.
On Sixth street north, at Twenty-ninth avenue north.
On Bryant avenue north, at Twenty-sixth avenue north.
On Emerson avenue north, at Twenty-sixth avenue north.
On Crystal Lake avenue at Twentieth avenue north.
On Nicollet avenue, at Fortieth street.
On Nicollet avenue, at Forty-third street.
On Nicollet avenue, at Forty-sixth street.
On Nicollet avenue, between Fiftieth and fifty-first street.
On Chicago avenue, at Thirty-fifth street.
On Ninth avenue south, at Thirty-third street.
On Bloomington avenue, at Thirty-first street.
On Seventeenth avenue south, at Thirty-second street.
On Minnehaha avenue, at Thirty-fourth street.
On Second street northeast, at Nineteenth avenue northeast.
On Second street northeast, at Twenty-second avenue northeast.
On Second street northeast at Twenty-fifth avenue northeast.
On Central avenue, at Fifth street.
On Central avenue, at Broadway.
On Central avenue, at Fifteenth avenue northeast.
On Central avenue, at Twenty-fourth avenue northeast.

Total, 25.

Also fifteen (15) incandescent lamps on south side of steel arch bridge.

TABLE NO. 5.

SHOWING THE NUMBER OF GAS LAMPS ADDED TO THE SERVICE DURING THE YEAR 1891.

	Number of lamps.
On Chicago avenue, from Twenty-fifth street to Lake street	30
On Ninth street, from Fifth avenue south, to Sixth avenue south.....	2
On Clifton avenue	2
On Fifth street south, from Thirteenth avenue south to Cedar avenue.....	13
On Third avenue south, from Twenty-sixth street, to Twenty-eighth street.....	10
On Second avenue southeast, from University avenue to Seventh street southeast	8
On Sixth street southeast, from Central avenue to Second avenue southeast.....	3
On Seventh street southeast, from Central avenue to Second avenue southeast.....	3
On Tenth avenue south bridge	3
On Tenth avenue south, from Second street south to Tenth avenue south bridge.....	2
On East Fourteenth street, from Park avenue to Chicago avenue.....	3
On East Fifteenth street, from Park avenue to Chicago avenue.....	3
On Park avenue, from Twenty-eighth street to Lake street.....	9
On Lyndale avenue south, from Groveland avenue to Ridgewood avenue.....	9
On Ridgewood av.....	1
On West Twenty-first street, from Kenwood parkway to Sheridan avenue south.....	2

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TABLE NO. 6.

SHOWING THE NUMBER AND LOCATION OF GAS STREET LAMPS, JANUARY 1st, 1892.

	Number of lamps.
On Main street northeast, from Central avenue to Thirteenth ave. northeast.....	55
On Fire engine house, cor. Main st. northeast to Thirteenth ave. northeast.....	1
On Second street northeast, from Central avenue to Broadway	53
On University avenue northeast, from Central avenue to Broadway	41
On Fourth street northeast, from Central avenue to Broadway	42
On Fifth street, northeast, from Central avenue to Broadway.....	41
On Adams street, from Fourth avenue northeast to Broadway	21
On Seventh street northeast, from Central avenue to Third avenue northeast.....	8
On Monroe street, from Third avenue Northeast to Broadway.....	20
On Central avenue, from Fifth street to Seventh street.....	13
On Island avenue	16
On Grove street.....	5
On Main street southeast, from Central avenue to Sixth avenue southeast.....	26
On Fire engine house, corner Second street southeast to Bank street.....	2
On University avenue southeast, from Central ave. to Fourteenth av. southeast.....	54
On Fourth street southeast, from First avenue southeast to Oak street.....	80
On Fifth street southeast, from Central avenue to Fourteenth ave. southeast.....	53
On Sixth street southeast, from Central avenue to Fourteenth ave. southeast.....	52
On Seventh street southeast, from Central ave. to Fourteenth ave. southeast.....	52
On Second ave. southeast from University ave. southeast to Seventh st. southeast	8
On Sixth av. southeast, from east end of Tenth av. south bridge to Seventh st. SE	20
On Seventh av. southeast, from Seventh street southeast to Eighth st. southeast	3
On Fire engine house, cor. Seventh av. southeast to Eighth street southeast.....	2
On Eighth av. southeast, from Sixth street southeast to Seventh st. southeast.....	1
On Tenth av. southeast, from University av. southeast to Seventh st. southeast.....	9
On Tenth avenue south bridge	5
On First street south, from Thirteenth avenue south to Fourteenth ave. south.....	4
On Second street south, from Tenth avenue south to Cedar avenue	18
On Fire engine house, Third street south from Nicollet avenue to First av. south.....	1
On Third street south, from Second avenue south to Fourteenth avenue south.....	48
On Fourth street south, from Third avenue south to Sixteenth avenue south.....	53
On Fire engine house, corner Fourth street south and Fifteenth avenue south.....	2
On Fifth street south, from Third avenue south to Seventeenth avenue south.....	54
On Sixth street south, from Third avenue south to Seventeenth avenue south.....	59
On Seventh street south, from Third avenue South to Fourteenth avenue south.....	45
On Eighth street south, from Third avenue south to Sixteenth avenue south.....	54
On Ninth street south, from Third avenue south to Chicago avenue	24
On Tenth street south, from Third avenue south to Chicago avenue	25
On Eleventh street south, from Third avenue south to Portland avenue.....	10
On Twelfth street south, from Third avenue south to Fourth avenue south.....	5
On Fire engine house, cor. Third avenue south and Twelfth street south	2
On Grant street, from Second avenue south to Third avenue south	1
On Third avenue south, from Third street south to Grant street.....	20
On Fourth avenue south, from Fourth street south to Grant street.....	18
On Fifth avenue south, from Seventh street south to Grant street.....	13
On Sixth avenue south, from First street south to Washington avenue south.....	4
On Fire engine house, corner Sixth avenue south and Third street south.....	2
On Sixth avenue south, from Third street south to Grant street.....	24
On Nicollet avenue, from Fourteenth street to Twenty-eighth street.....	66
On First avenue south, from Grant street to Seventeenth street	16
On First avenue south, from Twenty-second street to Twenty-eighth street.....	37
On Stevens avenue, from Grant street to Twenty-eighth street.....	72
On Second avenue, south from Grant street to Thirty-third street.....	87
On Third avenue south, from Grant street to Twenty-eighth street.....	69
On Clinton avenue, from Grant street to Twenty-fourth street.....	43

TABLE NO. 6—Continued.

	Number of lamps.
On Fourth avenue south, from Grant street to Twenty-sixth street.....	52
On Fifth avenue south, from Grant street to Twenty-fourth street.....	44
On Portland avenue, from Grant street to Lake street.....	96
On Seventh avenue south, corner Second street south.....	1
On Park avenue, from Tenth street south to Lake street.....	87
On Park place, from Eighteenth street to Franklin avenue.....	5
On Chicago avenue, from Ninth street south to Lake street.....	81
On Tenth avenue south, from Tenth avenue south bridge to Second street south.....	5
On Eleventh avenue south, from Sixth street south to Franklin avenue.....	32
On Thirteenth avenue south, from First street south to Washington av. south.....	4
On Thirteenth avenue south, from Third street south to Tenth street south.....	13
On Fourteenth avenue south, from First street south to Washington avenue south.....	3
On Fourteenth avenue south, from Eight street south to Franklin avenue.....	17
On Fifteenth avenue south, from Eighth street south to Franklin avenue.....	17
On Sixteenth avenue south, from Eighth street south to Franklin avenue.....	12
On Cedar avenue, from Bluff street to Second street south.....	6
On East Fourteenth street, from Fifth avenue south to Eleventh avenue south.....	20
On East Fifteenth street, from Portland avenue to Chicago avenue.....	8
On East Sixteenth street, from Portland avenue to Chicago avenue.....	10
On East Seventeenth street, from Nicollet avenue to Third avenue south.....	8
On East Twenty-fifth street, from Third avenue south to Fourth avenue south.....	5
On East Twenty-second street, from First avenue south to Third avenue south.....	6
On Franklin avenue, from Second avenue south to Eleventh avenue south.....	32
On West Fourteenth street, from Nicollet avenue to Willow street.....	10
On Vine Place, from West Fourteenth street to Groveland avenue.....	15
On Oak Grove street.....	20
On Clifton avenue.....	17
On Clifton Place.....	3
On Groveland avenue, from Lyndale avenue south to Clifton Place.....	4
On Groveland avenue, from Vine Place to Forest avenue.....	6
On Forest avenue.....	6
On Ridgewood avenue.....	20
On Lyndale avenue south, from Groveland avenue to Ridgewood avenue.....	9
On Hennepin avenue, from Kenwood Parkway to Twenty-ninth street.....	88
On Groveland avenue, west of Hennepin avenue.....	15
On Waverly Place.....	3
On Mt. Curve avenue.....	12
On Hillside place.....	2
On Kenwood Parkway.....	73
On Queen avenue south, from Kenwood Parkway to Twenty-first street.....	6
On Sheridan avenue south, from Kenwood Parkway to Twenty-first street.....	9
On Twenty-first street, from Kenwood Parkway to Sheridan avenue.....	2
On Superior avenue, from Kenwood Parkway to Logan avenue north.....	5
On Logan avenue north, from Superior avenue to Elm street.....	10
On Elm street, from Superior avenue to Laurel avenue.....	10
On Erie avenue, from Logan avenue north to Morgan avenue north.....	1
On Oliver avenue north, from Fountain Place to Ash street.....	2
On Ash street, from Oliver avenue north to Laurel avenue.....	6
On Laurel avenue, from Elm street to Ash street.....	5
On First avenue north, from Third street north to Thirteenth street north.....	37
On Second avenue north, from Third street north to Western avenue.....	18
On Fire Headquarters, Second street north corner Third avenue north.....	2
On Third street north, from First avenue north to Fourth av. north.....	7
On Third street north, from Sixth avenue north to Plymouth avenue.....	30
On Fourth street north, from First avenue north to Fourth avenue north.....	8
On Fourth street north, from Sixth avenue north to Plymouth avenue.....	34
On Fifth street north, from First avenue north to Eleventh avenue north.....	42
On Sixth street north, from Eleventh avenue north to Twentieth avenue north.....	35
On Ninth street north, from First avenue north to Hawthorne avenue.....	1
On Tenth street north, from Hennepin avenue to First avenue north.....	5
On Eleventh street north, from First avenue north to Hawthorne avenue.....	3
On Twelfth street north, from Western avenue to Hawthorne avenue.....	7
On Thirteenth street north, from Hawthorne avenue to Linden avenue.....	2
On Fifteenth street north, from Hawthorne avenue to Chestnut avenue.....	4
On Chestnut avenue, from Eleventh street north to Fifteenth street north.....	11
On Linden avenue, from Twelfth street north to Seventeenth street north.....	14
On Hawthorne avenue, from Ninth street north to Bryant avenue north.....	42
On Laurel avenue, from Hennepin avenue to Aldrich avenue north.....	19
On Bryant avenue north, from Laurel avenue to Hawthorne avenue.....	1
On Lyndale avenue north, from Western avenue to Twentieth avenue north.....	73
On Dupont avenue north, from Plymouth avenue to Twentieth avenue north.....	27
On Logan avenue north, from Eighth avenue north to Twelfth avenue north.....	15
On Western avenue, from First avenue north to Irving avenue north.....	67
On Sixth avenue north, from Third street north to Lyndale avenue north.....	25
On Eleventh avenue north, from Sixth street north to Dupont avenue north.....	16
On Fire Engine House, Twelfth av. N bet Washington av. N. & Third st. N.....	2
On Plymouth avenue, from Third street north to Dupont avenue north.....	20
On Sixteenth avenue north, from Third street north to Dupont avenue north.....	23
On Fire Engine House, Holden street.....	2
On Highland avenue.....	22
On Royalston avenue.....	20
Total.....	3,116

TABLE NO. 7.
SHOWING THE NUMBER AND LOCATION OF GASOLINE STREET LAMPS
JANUARY 1, 1892.

	Number of lamps.
On Aldrich avenue south, from Franklin avenue to Twenty-seventh street.....	12
On Aldrich avenue south, from Twenty-ninth street to Thirty-first street.....	2
On Bryant avenue south, from Twenty-fifth street to Twenty-seventh street.....	5
On Bryant avenue south, corner Summit avenue.....	1
On Bryant avenue south, from Twenty-seventh street to Twenty-eighth street.....	2
On Bryant avenue south, from Thirty-seventh street to thirty-elghth street.....	2
On Colfax avenue south, from Twenty-fourth street to Twenty-eighth street.....	9
On Colfax avenue south, corner Twenty-second street.....	1
On Colfax avenue south, from Mt. Curve avenue to Hennepin avenue.....	6
On Colfax avenue south, from Lake street to Thirty second street.....	6
On Dupont avenue south, from Twenty-fourth street to Twenty-sixth street.....	5
On Emerson avenue south, from Twenty-sixth street to Twenty-eighth street.....	3
On Fremont avenue south, from Twenty-seventh street to twenty-ninth street.....	4
On Fremont avenue south, corner Thirty-first street.....	1
On Girard avenue south, from Twenty-seventh street to Twenty-ninth street.....	2
On Girard avenue south, from Lake street to Thirty-first street.....	4
On Hennepin avenue, from Twenty-eighth to Lake street.....	3
On Irving avenue south, from Franklin avenue to Twenty-fourth street.....	4
On Irving avenue south, from Mt. Curve avenue to Douglas avenue.....	1
On James avenue south, corner Twenty-second street.....	1
On Knox avenue south, from Mt. Curve avenue to Douglas avenue.....	2
On Logan avenue south, from Mt. Curve avenue to Douglas avenue.....	1
On Lincoln avenue, from Dupont avenue south to Girard avenue south.....	4
On Lincoln avenue, corner Aldrich avenue south.....	1
On Franklin avenue, from Dupont avenue south to Irving avenue south.....	6
On Summit avenue, from Dupont avenue south to Girard avenue south.....	4
On Douglas avenue, from Dupont avenue south to Logan avenue south.....	9
On Mt. Curve avenue, from Irving avenue south to Kenwood parkway.....	8
On Bryant avenue south, corner Thirty-first street.....	1
On Garfield avenue, from Twenty-fourth street to Twenty-sixth street.....	8
On Garfield avenue, from Twenty-seventh street to Thirty-second street.....	14
On Grand avenue, from Franklin avenue to Twenty-fourth street.....	7
On Grand avenue, from Twenty-sixth street to Thirty-sixth street.....	26
On Harriet avenue, from Franklin avenue to Twenty-fifth street.....	10
On Harriet avenue, from Twenty-sixth street to Thirty-third street.....	20
On Pillsbury avenue, from Twenty-sixth street to Thirty-fourth street.....	14
On Blaisdell avenue, from Groveland avenue to Thirty-third street.....	37
On Lyndale avenue north, from Ontario avenue to Western avenue.....	13
On Chestnut avenue, from Fifteenth street north to Lyndale avenue north.....	6
On Aldrich avenue north, corner Linden avenue.....	1
On Sixteenth street north, from Linden avenue to Chestnut avenue.....	1
On Seventeenth street north, from Linden avenue to Chestnut avenue.....	1
On Laurel avenue, from Aldrich avenue north to Knox avenue north.....	14
On Dell place.....	1
On Forest avenue, from Dell place to Groveland avenue.....	3
On Groveland avenue, from Forest avenue to Pillsbury avenue.....	2
On Twenty-fourth street, from Aldrich avenue south to Hennepin avenue.....	6
On Twenty-fourth street, from Hennepin avenue to Lake place.....	9
On Twenty-sixth street, from Nicollet avenue to Pillsbury avenue.....	4
On Twenty-sixth street, from Emerson avenue south to Hennepin avenue.....	4
On Twenty-eighth street, from Aldrich avenue south to Bryant avenue south.....	2
On Twenty-eighth street, from Emerson avenue south to Girard avenue south.....	4
On Twenty-ninth street, from Nicollet avenue to Pleasant avenue.....	6
On Thirty-second street, from Motor avenue to Pillsbury avenue.....	1
On Motor avenue, from Lake street to Thirty-second street.....	4
On First avenue south, from Seventeenth street to Twenty-second street.....	14
On First avenue south, from Twenty-eighth street to Thirty-seventh street.....	23
On Second avenue south, from Thirty-fourth street to Thirty-fifth street.....	2
On Clinton avenue, from Twenty-fourth street to Thirty-fourth street.....	28
On Fourth avenue south, from Twenty-fifth street to Thirty-fourth street.....	35
On Fifth avenue south, from Twenty-fourth street to Thirty-fourth street.....	22
On Portland place, from Franklin avenue to Thirty-fifth street.....	34
On Park avenue, from Lake street to Thirty-fifth street.....	8
On Park place, from Eighteenth street to Nineteenth street.....	1
On Park Place, from Twenty-fourth street to Thirty-sixth street.....	24
On Ninth avenue south, from Eighth street south to Lake street.....	40
On Tenth avenue south, from Eighth street south to Franklin avenue.....	11
On Tenth avenue south, from Twenty-fourth street to Twenty-sixth street.....	4
On Tenth avenue south, from Lake street to Thirty-fourth street.....	4
On Eleventh avenue south, from Twenty-second street to Twenty-sixth street.....	2
On Eleventh avenue south, from Lake street to Thirty-second street.....	2
On Twelfth avenue south, from First street south to Second street south.....	2
On Twelfth avenue south, from Eighth street south to Ninth street south.....	1
On Twelfth avenue south, from Twenty-seventh street to Twenty-ninth street.....	5
On Thirteenth avenue south, from Ninth street south to Franklin avenue.....	7
On Thirteenth avenue south, from Twenty-fourth street to Twenty-ninth street.....	2
On Fourteenth avenue south, from Fifth street south to Eighth street south.....	2
On Fourteenth avenue south, from Twenty-sixth street to Twenty-ninth street.....	8
On Fifteenth avenue south, from Washington avenue south to Eighth street S.....	11

TABLE No. 7—Continued.

	Number of lamps.
On Fifteenth avenue south, from Twenty-second street to Thirty-third street.....	21
On Bloomington avenue, from Thirty-third street to Thirty-fifth street.....	5
On Sixteenth avenue south, from Fourth street south to Sixth street south.....	3
On Sixteenth avenue south, from Franklin avenue to Thirty-third street.....	17
On Seventeenth avenue south, from Fifth street south to Seventh street south.....	5
On Seventeenth avenue south, from Franklin avenue to Thirty-third street.....	19
On Eighteenth avenue south, from Franklin avenue to Thirty-second street.....	18
On Cedar avenue, from Thirty-fifth street to Thirty-seventh street.....	5
On Longfellow avenue, from Lake street to Thirty-third street.....	6
On Nineteenth avenue south, from Bluff street to Second street south.....	3
On Nineteenth avenue south, from Franklin avenue to Twenty-fourth street.....	4
On Nineteenth avenue south, from Lake street to Thirty-third street.....	7
On Twentieth avenue south, from Sixth street south to Seventh street south.....	1
On Twentieth avenue south, from Lake street to Thirty-second street.....	4
On Twenty-first avenue south, from Two-and-one-half street south to Third st. S.	2
On Twenty-first avenue south, from Twenty-eighth street to Thirty-third street	7
On Twenty-second avenue south, from Seven-and-one-half street south to Eight-and-one-half street south.....	3
On Twenty-second avenue south, from Twenty-second street to Twenty-fourth st.	3
On Twenty-second avenue south, from Lake street to Thirty-third street.....	5
On Twenty-second-and-one-half avenue south, from Franklin avenue to Twenty-fourth street.....	4
On Twenty-third avenue south, from Fifth street south to Sixth street south.....	3
On Twenty-third avenue south, from Ninth street south to Franklin avenue.....	1
On Twenty-third avenue south, corner Twenty-fourth street.....	1
On Twenty-third avenue south, corner Twenty-sixth street.....	1
On Twenty-third avenue south, from Lake street to Thirty-fourth street.....	8
On Twenty-fourth avenue south, corner Twenty-second street.....	1
On Twenty-fourth avenue south, from Twenty-fifth street to twenty-sixth street	2
On Hiawatha avenue, from Lake street to Thirty-eighth street.....	25
On Fort place, from Twenty-eighth street to twenty-ninth street.....	1
On Minnehaha avenue, from Thirty-fifth street to Fort Snelling Reservation.....	62
On Snelling avenue, from Lake street to Thirty-second street.....	5
On Fiftieth street, from Hiawatha avenue to Minnehaha avenue.....	16
On Twenty-fifth avenue south, from Ninth street south to Franklin avenue.....	1
On Thirty-eighth street, from Hiawatha avenue to Minnehaha avenue.....	1
On Twenty-fifth avenue south, corner Twenty-sixth street.....	1
On Twenty-sixth avenue south, from Ninth street south to Franklin avenue.....	1
On Twenty-sixth avenue south, from Franklin avenue to Twenty-fifth street.....	8
On Twenty-seventh avenue south, from Twenty-seven-and-one-half street south to Minnehaha avenue.....	10
On Twenty-eighth avenue south, corner Riverside avenue.....	1
On Twenty-eighth avenue south, from Twenty-fourth street to Lake street.....	9
On Twenty-ninth avenue south, from Twenty-fourth street to Lake street.....	6
On Thirtieth avenue south, from Twenty-fourth street to Lake street.....	6
On Thirty-first avenue south, from Twenty-eighth street to Lake street.....	3
On Thirty-second avenue south, from Twenty-eighth street to Lake street.....	3
On Darman avenue, from Twenty-seventh street to twenty-eighth street.....	2
On Two-and-one-half street south, from Twentieth av. S. to Twenty-first av. S.	3
On Third street south, from Cedar avenue to Nineteenth avenue south.....	2
On Third street south, corner Twenty-second avenue south.....	1
On Fourth street south, corner Twenty-second avenue south.....	1
On Locust street, from Twenty-second avenue south to Twenty-third ave. south.	2
On Sverdrup street, from Twenty-second ave. south to Twenty-third ave. south.	1
On Sixth street south, from Nineteenth avenue south to Twenty-fifth ave. south.	9
On Seventh street south, from Fourteenth avenue south to Fifteenth ave. south.	2
On Seventh st. south, from Twenty-fifth ave. south to Twenty-sixth ave. south.	2
On Seventh street south, from Seventeenth avenue south to Cedar avenue.....	3
On 8½ street south, from Twenty-fourth ave. south to Twenty-fifth ave. south.....	2
On Ninth st. south, from Twenty-second ave. south to Twenty-eighth ave. south.	12
On Ninth street south, from Eleventh avenue south to Sixteenth avenue south.....	9
On Fifteenth street, from Chicago avenue to Eleventh avenue south.....	3
On Seventeenth street, from Portland avenue to Eleventh avenue south.....	9
On Eighteenth street, from Portland avenue to Sixteenth avenue south.....	14
On Nineteenth street, from Portland avenue to Sixteenth avenue south.....	11
On Franklin avenue, from Twenty-fifth avenue south to Franklin avenue bridge	14
On Franklin avenue bridge.....	3
On Twenty-fourth street, from Stevens avenue to Third avenue south.....	3
On Twenty-fourth street, from Fifteenth avenue south to Bloomington avenue.....	1
On Twenty-fourth street, from Twenty-fifth ave. south to Thirty-first ave. south	10
On Twenty-fifth street, from Ninth avenue south to Eleventh avenue south.....	2
On Twenty-fifth street, from Twenty-fourth ave. south to Thirty-first ave. south.	9
On Twenty-sixth street, from Twenty-eighth ave. south to Forty-first ave. south.	18
On 27½ street, from Twenty-seventh avenue south to Twenty-eighth ave. south.	1
On Lake street, from Twenty-seventh avenue south to Lake street bridge.....	25
At city dump, under Washington avenue south bridge.....	2
On Washington avenue southeast, from Washington ave. bridge to Oak street...	14
On Beacon street, from University avenue southeast to Pleasant street.....	8
On University avenue southeast, from Fourteenth ave. southeast to city limits.....	51
On Twenty-ninth avenue southeast, north of University avenue southeast.....	4
On Malcomb avenue.....	3
On Fourth street southeast, from Malcomb avenue to city limits.....	8
On Clarence avenue.....	4

WORKHOUSE REPORT.

429

Stone cutter.....	8	Telegraph operator.....	4
Switchman.....	43	Teacher.....	2
Sawyer.....	1	Tobaccoist.....	1
Shoemaker.....	26	Track layer.....	1
Sailor.....	10	Undertaker.....	1
Salesman.....	7	Upholsterer.....	2
Steam fitter.....	4	Veterinary surgeon.....	2
Beamstress.....	5	Walter.....	31
Saloon keeper.....	1	Wood engraver.....	1
Scaler.....	1	Waitress.....	1
Showman.....	1	Well digger.....	3
Student.....	4	Wagon maker.....	2
Scavenger.....	1	Watch maker.....	2
Sail maker.....	3	Wood worker.....	2
Teamster.....	48	Wood turner.....	1
Tailor.....	15		
Tinner.....	14	Total.....	1,686

NATIVITY.

Austria.....	1	Missouri.....	24
Arkansas.....	1	Montana.....	1
Australia.....	1	Nevada.....	1
Bohemia.....	5	New York.....	174
Canada.....	96	New Jersey.....	5
Connecticut.....	3	New Hampshire.....	4
California.....	3	North Carolina.....	4
Colorado.....	1	Nebraska.....	2
Denmark.....	15	New Brunswick.....	6
Dist of Columbia.....	2	Norway.....	186
England.....	58	Ohio.....	46
Finland.....	8	Poland.....	3
France.....	2	Pennsylvania.....	69
Germany.....	51	Russia.....	1
Georgia.....	3	Rhode Island.....	8
Holland.....	1	St. Helena Island.....	2
Indiana.....	17	Sweden.....	153
Illinois.....	65	Switzerland.....	3
Iowa.....	54	Scotland.....	25
Ireland.....	203	Spain.....	1
Kentucky.....	8	Texas.....	1
Kansas.....	3	Tennessee.....	3
Louisiana.....	4	Vermont.....	11
Maine.....	33	Virginia.....	3
Massachusetts.....	50	Wisconsin.....	100
Michigan.....	45	Wales.....	2
Maryland.....	9	West Virginia.....	1
Minnesota.....	101		
		Total.....	1,686
Foreign born.....			821
Native born.....			865
Total.....			1,686

AGE WHEN COMMITTED.

Under twenty years.....	87
From twenty to twenty-five years.....	215
From twenty-five to thirty years.....	340
From thirty to thirty-five years.....	323
From thirty-five to forty years.....	233
From forty to forty-five years.....	182
From forty-five to fifty years.....	111
From fifty to sixty years.....	155
Sixty years and over.....	40
Total.....	1,686

RELIGIOUS TRAINING.

Roman catholics.....	761
Protestants.....	777
Without religious training.....	148
Total.....	1,686

TABLE NO. 7 -Continued.

	Number of lamps.
On Twenty-sixth avenue northeast, from Taylor street to Fillmore street.....	1
On Plymouth avenue bridge.....	2
On First street north, from Fourteenth avenue north to Twenty-third ave. north.....	7
On Second street north, from Twenty-seventh avenue north to city limits.....	107
On Washington ave. north, from Twenty-fourth ave. north to Twenty-fifth ave. N.....	3
On Washington ave. north, from Thirty-second ave. north to Thirty-sixth ave. N.....	9
On Third street north, from Fourth avenue north to Fifth avenue north.....	3
On Third street north, from Twenty-first avenue north to Thirty-fourth ave. N.....	25
On Fourth street north, from Fourth avenue north to Fifth avenue north.....	3
On Fourth street north, from Twenty-first avenue north to Twenty-fifth ave. N.....	7
On Fourth street north, from Thirty-first avenue north to Thirty-fourth ave. N.....	6
On work house grounds.....	4
On Brooklyn Centre road, from Camden Place to Penn avenue north.....	28
On Fifth street north from Eleventh avenue north to Twentieth avenue north.....	14
On Sixth street north, from Twenty-third ave. north to Twenty-sixth ave. north.....	4
On Sixth street north, from Thirty-first ave. north to Thirty-third avenue north.....	6
On Lyndale ave. north, from Twenty-first ave. north to Twenty-sixth ave. north.....	10
On Lyndale ave. north, from Twenty-ninth ave. north to Thirty-fourth ave. north.....	14
On Aldrich avenue north, from First avenue north to Sixth avenue north.....	10
On Aldrich avenue north, from Eighth avenue north to Twentieth avenue north.....	8
On Aldrich ave. north, from Twenty-first ave. north to Twenty-ninth ave. north.....	12
On Bryant avenue north, from Western avenue to Fifth avenue north.....	5
On Bryant avenue north, from Eighth avenue north to Twentieth avenue north.....	10
On Bryant ave. north, from Twenty-first ave. north to Twenty-ninth ave. north.....	11
On Colfax avenue north, from Western avenue to Fourth avenue north.....	4
On Colfax ave. north, from Twenty-sixth ave. north to Twenty-ninth ave. north.....	5
On Dupont avenue north, from Eighth avenue north to Twelfth avenue north.....	6
On Dupont avenue north, from Twentieth avenue north to Thirtieth avenue north.....	24
On Emerson ave. north, from Twenty-second ave. north to Thirtieth ave. north.....	13
On Fremont avenue north, from Second avenue north to Sixth avenue north.....	2
On Fremont ave. north, from Twenty-second ave. north to Thirty-second ave. north.....	18
On Girard avenue north, from Second avenue north to Sixth avenue north.....	9
On Girard avenue north, from Twelfth avenue north to Plymouth avenue.....	1
On Girard ave. north, from Eighteenth ave. north to Twenty-seventh ave. north.....	9
On Greeley avenue, corner of Second avenue north.....	1
On Humboldt avenue north, from Fifth avenue north to Sixth avenue north.....	3
On Irving avenue north, from Third avenue north to Sixth avenue north.....	4
On Irving avenue north, from Twenty-first avenue north to James avenue north.....	8
On James avenue north, from Third avenue north to Sixth avenue north.....	3
On James avenue north, from Crystal Lake avenue to Hillside avenue.....	8
On Knox avenue north, from Western avenue to Sixth avenue north.....	5
On Oliver avenue north, from Twentieth avenue north to Twenty-first avenue north.....	1
On Newton avenue north, from Fourth avenue north to Fifth avenue north.....	2
On Penn avenue north, from Fourth avenue north to Sixth avenue north.....	2
On Penn avenue north, from Crystal Lake avenue to Thirty-second avenue north.....	11
On Queen ave. north, from Twenty-ninth ave. north to Thirty-second ave. north.....	6
On Russell ave. north, from Twenty-ninth ave. north to Thirty-second ave. north.....	6
On Second ave. north, from Ninth street north to Twelfth street north.....	4
On Fourth avenue north, from Bryant avenue north to Dupont avenue north.....	2
On Fifth avenue north, from Lyndale avenue north to Bryant avenue north.....	3
On Fifth avenue north, from Emerson avenue north to Fremont avenue north.....	3
On Fifth avenue north, from Fourth street north to Fifth street north.....	1
On Sixth avenue north, from Knox avenue north to Sheridan avenue north.....	17
On Seventh avenue north, from Fifth street north to Aldrich avenue north.....	9
On Eighth avenue north, from Bradford avenue to Lyndale avenue north.....	3
On Oak Lake avenue from Fifth street north to Sixth avenue north.....	7
On Hoag avenue, from Sixth avenue north to Royalston avenue.....	3
On Lakeside avenue.....	1
On Western avenue, from Queen avenue north to city limits.....	14
On Cedar Lake road, from Western avenue to Elm street.....	16
On Twelfth avenue north, from Girard avenue north to Humboldt avenue north.....	2
On Plymouth avenue, from Dupont avenue north to Irving avenue north.....	10
On Nineteenth avenue north, from Girard avenue north to James avenue north.....	2
On Twenty-first avenue north, from Dupont avenue north to Irving avenue north.....	7
On Twenty-first avenue north, from Crystal Lake avenue to Penn avenue north.....	3
On Twenty-second avenue north, from Irving avenue north to Ilion avenue.....	2
On Twenty-fifth avenue north, from Colfax avenue north to Humboldt avenue north.....	2
On Crystal Lake avenue north, from Twentieth avenue north to city limits.....	17
On Hillside avenue, from Irving avenue north to Logan avenue north.....	10
On Ilion avenue from James avenue north to Irving avenue north.....	8
On Thirty-first avenue north, from Third street north to Sixth street north.....	2
On Thirty-second avenue north, from Third street north to Penn avenue north.....	18
On Thirty-third ave. north, from Washington ave. north to Lyndale ave. north.....	4
On Thirty-fourth avenue north, from Sixth street north to Lyndale avenue north.....	1
Total.....	2,496

TABLE NO. 8.

SHOWING THE NUMBER AND LOCATION OF ELECTRIC LAMPS, JANUARY
1, 1892.*Circuit No. 3.—58 Lamps.*No. of
Lamp.

- 1 On Thirteenth avenue south, at Fifth street south.
- 2 On Sixteenth avenue south, at Seventh street south.
- 3 On Seventeenth avenue south, at Eighth street south.
- 4 On Seventeenth avenue south, at Eighteenth street.
- 5 On Sixteenth avenue south, at Franklin avenue.
- 6 On Bloomington avenue, at Franklin avenue.
- 7 On Fifteenth avenue south, at Franklin avenue.
- 8 On Fourteenth avenue south, at Franklin avenue.
- 9 On Twelfth avenue south, at Franklin avenue.
- 10 On Thirteenth avenue south, at Twenty-first street.
- 11 On Eleventh avenue south, at Twenty-first street.
- 12 On Tenth avenue south, at Twenty-second street.
- 13 On Twelfth avenue south, at Twenty-second street.
- 14 On Thirteenth avenue south, at Twenty-third street.
- 15 On Fourteenth avenue south, at Twenty-second street.
- 16 On Bloomington avenue, at Twenty-second street.
- 17 On Fifteenth avenue south, at Twenty-first street.
- 18 On Seventeenth avenue south, at Twenty-second street.
- 19 On Bloomington avenue, at Twenty-third street.
- 20 On Eighteenth avenue south, at Twenty-fourth street.
- 21 On Sixteenth avenue south, at Twenty-fourth street.
- 22 On Fourteenth avenue south, at Twenty-fourth street.
- 23 On Twelfth avenue south, at Twenty-fourth street.
- 24 On Tenth avenue south, at Twenty-fourth street.
- 25 On Twelfth avenue south, at Twenty-fifth street.
- 26 On Fourteenth avenue south, at Twenty-fifth street.
- 27 On Bloomington avenue, at Twenty-fifth street.
- 28 On Bloomington avenue, at Twenty-sixth street.
- 29 On Bloomington avenue, at Twenty-seventh street.
- 30 On Bloomington avenue, at Twenty-eighth street.
- 31 On Bloomington avenue, at Twenty-ninth street.
- 32 On Thirteenth avenue south, at Twenty-ninth street.
- 33 On Eleventh avenue south, at Twenty-eighth street.
- 34 On Thirteenth avenue south, at Twenty-seventh street.
- 35 On Twelfth avenue south, at Twenty-sixth street.
- 36 On Cedar avenue, at Thirty-fifth street.
- 37 On Eleventh avenue south, at Lake street.
- 38 On Fourteenth avenue south, at Lake street.
- 39 On Bloomington avenue, at Lake street.
- 40 On Bloomington avenue, at Thirty-second street.
- 41 On Seventeenth avenue south, at Lake street.
- 42 On Cedar avenue, at Lake street.
- 43 On Cedar avenue, at Thirty-first street.
- 44 On Cedar avenue, at Thirty-second street.
- 45 On Cedar avenue, at Thirty-third street.
- 46 On Cedar avenue, at Thirty-fourth street.
- 47 On Cedar avenue, at Twenty-ninth street.
- 48 On Cedar avenue, at Twenty-eighth street.
- 49 On Cedar avenue, at Twenty-seventh street.
- 50 On Cedar avenue, at Twenty-sixth street.
- 51 On Cedar avenue, at Twenty-fifth street.
- 52 On Cedar avenue, at Twenty-fourth street.
- 53 On Cedar avenue, at Twenty-second street.
- 54 On Cedar avenue, at Franklin avenue.
- 55 On Eighteenth avenue south, at Franklin avenue.
- 56 On Twelfth avenue south, between Third street south and Fourth street south.
- 57 On Seventeenth avenue south, at Thirty-second street.
- 58 On Bloomington avenue, at Thirty-first street.

Circuit No. 4—56 Lamps

No. of Lamp.	
59	On Lyndale avenue south, at Twenty-seventh street.
60	On Lyndale avenue south, at Twenty-eighth street.
61	On Dupont avenue south, at Twenty-seventh street.
62	On Dupont avenue south, at Twenty-eighth street.
63	On Dupont avenue south, at Twenty-ninth street.
64	On Dupont avenue south, at Lake street.
65	On Fremont avenue south, at Lake street.
66	On Hennepin avenue, at Lake street.
67	On Calhoun boulevard, at Lake street.
68	On Logan avenue south, at Lake street.
69	On Irving avenue south, at Lake street.
70	On Knox avenue south, at Thirty-first street.
71	On Knox avenue south, at Thirty-fourth street.
72	On Hennepin avenue, at Thirty-first street.
73	On Hennepin avenue, at Thirty-third street.
74	On Hennepin avenue, at thirty-fifth street.
75	On Dupont avenue south, at Thirty-first street.
76	On Bryant avenue south, at Lake street.
77	On Aldrich avenue south, at Lake street.
78	On Lyndale avenue south, at Lake street.
79	On Lyndale avenue south, at Twenty-ninth street.
80	On Lyndale avenue south, at Thirty-first street.
81	On Lyndale avenue south, at Thirty-second street.
82	On Lyndale avenue south, at Thirty-third street.
83	On Lyndale avenue south, at Thirty-fourth street.
84	On Lyndale avenue south, at Thirty-sixth street.
85	On Lyndale avenue south, at Thirty-eighth street.
86	On Pleasant avenue, at Thirty-eighth street.
87	On Pleasant avenue, at Thirty-sixth street.
88	On Pleasant avenue, at Thirty-fourth street.
89	On Pleasant avenue, at Thirty-third street.
90	On Pleasant avenue, at Thirty-second street.
91	On Pleasant avenue, at Thirty-first street.
92	On Pillsbury avenue, at Thirty-first street.
93	On Pillsbury avenue, at Lake street.
94	On Blaisdell avenue, at Thirty-first street.
95	On Harriet avenue, at Lake street.
96	On Grand avenue, at Lake street.
97	On Pleasant avenue, at Twenty-nine and one-half street.
98	On Pleasant avenue, at Twenty-eighth street.
99	On Pleasant avenue, at Twenty-seventh street.
100	On Pleasant avenue, at Twenty-sixth street.
101	On Pleasant avenue, at Twenty-fifth street.
102	On Pleasant avenue, at Twenty-fourth street.
103	On Pleasant avenue, at Twenty-second street.
104	On Pleasant avenue, at Franklin avenue.
105	On Lyndale avenue south, at Franklin avenue.
106	On Lyndale avenue south, at Twenty-second street.
107	On Lyndale avenue south, at Twenty-fourth street.
108	On Lyndale avenue south, at Twenty-fifth street.
109	On Lyndale avenue south, at Twenty-sixth street.
110	On Hennepin avenue, at Tenth street south.
111	On Hennepin avenue, at Eleventh street south.
112	On Hennepin avenue, at Willow street.
113	On Hennepin avenue, at Maple place.
114	On Hennepin avenue, at Ontario avenue.

Circuit No. 7-73 Lamps.

No. of Lamp.	
115	On Eighth avenue northeast, at Sibley street.
116	On Eighth avenue northeast, at Marshall street.
117	On Seventh avenue northeast, at Ramsey street.
118	On Sixth avenue northeast, at Marshall street.
119	On Marshall street, between Fourth and Fifth avenues northeast.
120	On Eleventh avenue northeast, at Marshall street.
121	On Thirteenth avenue northeast, at Marshall street.
122	On Thirteenth avenue northeast, at Sibley street.
123	On Sixteenth avenue northeast, at Marshall street.
124	On Fourteenth avenue northeast, at Grand street.
125	On Twelfth avenue northeast, at Second street.
126	On Fourteenth avenue northeast, at Second street.
127	On Thirteenth avenue northeast, at Third street.
128	On Twelfth avenue northeast, at Fourth street.
129	On Thirteenth avenue northeast, at Fourth-and-one-half street.
130	On Fifteenth avenue northeast, at Fifth street.
131	On Sixteenth avenue northeast, at Fourth-and-one-half street.
132	On Fourteenth avenue northeast, at Fourth street.
133	On Fifteenth avenue northeast, at Third street.
134	On Seventeenth avenue northeast, at Second street.
135	On Eighteenth avenue northeast, at Third street.
136	On Seventeenth avenue northeast, at Fourth street.
137	On Eighteenth avenue northeast, at Fourth-and-one-half street.
138	On Seventeenth avenue northeast, at Fifth street.
139	On Seventeenth avenue northeast, at Sixth street.
140	On Seventeenth avenue northeast, at Adams street.
141	On Fifteenth avenue northeast, at Adams street.
142	On Sixteenth avenue northeast, at Washington street.
143	On Fifteenth avenue northeast, at Sixth street.
144	On Thirteenth avenue northeast, at Sixth street.
145	On Twelfth avenue northeast, at Washington street.
146	On Fourteenth avenue northeast, at Washington street.
147	On Thirteenth avenue northeast, at Adams street.
148	On Twelfth avenue northeast, at Jefferson street.
149	On Thirteenth avenue northeast, at Madison street.
150	On Fourteenth avenue northeast, at Jefferson street.
151	On Fifteenth avenue northeast, at Madison street.
152	On Sixteenth avenue northeast, at Jefferson street.
153	On Seventeenth avenue northeast, at Monroe street railroad crossing.
154	On Nineteenth avenue northeast, at Central avenue.
155	On Eighteenth-and-one-half avenue northeast, at Central avenue.
156	On Twentieth avenue northeast, at Central avenue.
157	On Twenty-third avenue northeast, at Central avenue.
158	On Twenty-fourth avenue northeast, at Central avenue.
159	On Twenty-fifth avenue northeast, at Central avenue.
160	On Twenty-seventh avenue northeast, at Central avenue.
161	On Twenty-ninth avenue northeast, at Central avenue.
162	On Sixteenth avenue northeast, at Monroe street.
163	On Fourteenth avenue northeast, at Monroe street.
164	On Twelfth avenue northeast, at Monroe street.
165	On Broadway, at Madison street.
166	On Summer street, at Madison street.
167	On Spring street, at Madison street.
168	On Fourth avenue northeast, at Madison street.
169	On Third avenue northeast, at Sixth street.
170	On Central avenue, at Ninth street railroad crossing.
171	On Third avenue northeast, at Central avenue.
172	On Spring street, at Quincy street.
173	On Jackson street, at Summer street.
174	On Central avenue, at Summer street.
175	On Spring street, between Polk street and Tyler street.
176	On Polk street, at Winter street.
177	On Division street, at Fillmore street.
178	On Fifth avenue southeast, at Ninth street.
179	On Third avenue southeast, at Ninth street.
180	On Central avenue, at Fourth street.
181	On Central avenue, at Fifth street.
182	On Central avenue, at Broadway.
183	On Central avenue, at Fifteenth avenue northeast.
184	On Center of Plymouth avenue bridge.
185	On Second street northeast, at Nineteenth avenue.
186	On Second street northeast, at Twenty-second avenue.
187	On Second street northeast, at Twenty-fifth avenue.

Circuit No. 8--69 Lamps.

No. of Lamp.	
188	On Cedar avenue, at Fifth street south.
189	On Cedar avenue, at Sixth street south.
190	On Cedar avenue, at Eighth street south.
191	On Nineteenth avenue south, at Seventh street south.
192	On Twentieth avenue south, at Eighth street.
193	On Twenty-first avenue south, at Seventh street.
194	On Twenty-first avenue south, at Ninth street.
195	On Minnehaha avenue, at Ninth street south.
196	On Minnehaha avenue, at Franklin avenue.
197	On Nineteenth avenue south, at Twenty-second street.
198	On Twenty-first avenue south, at Twenty-second street.
199	On Minnehaha avenue, at Twenty-fourth street.
200	On Hiawatha avenue, at Twenty-fourth street.
201	On Hiawatha avenue, at Twenty-fifth-and-one-half street.
202	On Hiawatha avenue, at Twenty-eighth street.
203	On Hiawatha avenue, at Lake street.
204	On Twenty-first avenue south, at Lake street.
205	On Minnehaha avenue, at Lake street.
206	On Twenty-sixth avenue south, at Twenty-eighth street.
207	On Twenty-sixth avenue south, at Twenty-ninth street.
208	On Twenty-eighth avenue south, at Twenty-eighth street.
209	On Twenty-seventh avenue south, at Twenty-seventh street.
210	On Twenty-seventh avenue south, at Twenty-sixth street.
211	On Twenty-sixth avenue south, at Twenty-seventh street.
212	On Twenty-sixth avenue south, at Twenty-sixth street.
213	On Twenty-seventh avenue south, at Twenty-fifth street.
214	On Twenty-fifth avenue south, at Twenty-fifth street.
215	On Twenty-fourth avenue south, at Twenty-fourth street.
216	On Twenty-third avenue south, at Twenty-fifth street.
217	On Minnehaha avenue, at Thirty-second street.
218	On Minnehaha avenue, at Thirty-fourth street.
219	On Twenty-second avenue south, at Franklin avenue.
220	On Twenty-third avenue south, at Twenty-second street.
221	On Twenty-fifth avenue south, at Twenty-second street.
222	On Twenty-seventh avenue south, at Twenty-second street.
223	On Twenty-ninth avenue south, at Twenty-second street.
224	On Twenty-fourth avenue south, at Franklin avenue.
225	On Twenty-fourth avenue south, at Riverside avenue.
226	On Twenty-sixth avenue south, at Riverside avenue.
227	On Twenty-ninth avenue south, at Riverside avenue.
228	On Twenty-ninth avenue south, at Eighth street.
229	On Twenty-seventh avenue south, at Sixth street.
230	On Twenty-seventh avenue south, at Eighth street.
231	On Twenty-fourth avenue south, at Sixth street.
232	On Twenty-second avenue south, at Riverside avenue.
233	On Twenty-second avenue south, at Fifth street.
234	On Twenty-first avenue south, at Fourth street.
235	On Twentieth avenue south, at Riverside avenue.
236	On Nineteenth avenue south, at Fifth street.
237	On Twenty-third avenue south, at Eighth street.
238	On Nineteenth avenue south, at Fourth street.
239	On Cedar avenue, at Third street.
240	On Nineteenth avenue south, at Two-and-one-half street.
241	On Nineteenth avenue south, at Washington avenue.
242	On Twentieth avenue south, at Third street.
243	On Washington avenue southeast, at Washington avenue south bridge.
244	On Twenty-first avenue south, at Washington avenue.
245	On Twenty-second avenue south, at Two-and-one-half street.
246	On Twenty-second avenue south, at Second street.
247	On Twentieth avenue south, at First street.
248	On Twentieth avenue south, at Second street.
249	On Cedar avenue, at Second street.
250	On Cedar avenue, at Fourth street.
251	On Nineteenth avenue south, at Second street.
252	On Fifth avenue south, at Second street.
253	On Fifth avenue south, at First street.
254	On Sixth avenue south, at First street.
255	On Seventh avenue south, at Canal (milling district).
256	On Eighth avenue south, at Second street.

*Circuit No. 9—62 Lamps.*No. of
Lamp.

- 257 On Fifteenth avenue north, at Washington avenue.
- 258 On Seventeenth avenue, north at Washington avenue.
- 259 On Eighteenth avenue north, at Washington avenue.
- 260 On Twenty-first avenue north, at Washington avenue.
- 261 On Twenty-third avenue north, at Washington avenue.
- 262 On Twenty-sixth avenue north, at Washington avenue.
- 263 On Twentieth avenue north, at Washington avenue.
- 264 On Thirtieth avenue north, at Washington avenue.
- 265 On Thirty-second avenue north, at Washington avenue.
- 266 On Twenty-sixth avenue north, at Second street.
- 267 On Twenty-fourth avenue north, at Second street.
- 268 On Twenty-second avenue north, at Second street.
- 269 On Twentieth avenue north, at Second street.
- 270 On Twentieth avenue north, at First street.
- 271 On Eighteenth avenue north, at Second street.
- 272 On Eighteenth avenue north, at First street.
- 273 On Sixteenth avenue north, at Second street.
- 274 On Fourteenth avenue north, at Second street.
- 275 On Twenty-sixth avenue north, at Fourth street.
- 276 On Twenty-eighth avenue north, at Fourth street.
- 277 On Twenty-sixth avenue north, at Lyndale avenue.
- 278 On Twenty-eighth avenue north, at Lyndale avenue.
- 279 On Twenty-ninth avenue north, at Sixth street.
- 280 On Twenty-sixth avenue north, at Bryant avenue.
- 281 On Twenty-sixth avenue north, at Emerson avenue.

The following lamps on this circuit are run from the underground cables:

- 282 On Nicollet avenue, at Washington avenue south.
- 283 On First avenue south, at Washington avenue.
- 284 On Second avenue south, at Washington avenue.
- 285 On Third avenue south, at Washington avenue.
- 286 On Fourth avenue south, at Washington avenue.
- 287 On Fifth avenue south, at Washington avenue.
- 288 On Sixth avenue south, at Washington avenue.
- 289 On Seventh avenue south, at Washington avenue.
- 290 On Eighth avenue south, at Washington avenue.
- 291 Between Eighth and Ninth avenue south, at Washington avenue.
- 292 On Ninth avenue south, at Washington avenue.
- 293 On Tenth avenue south, at Washington.
- 294 On Eleventh avenue south, at Washington avenue.
- 295 On Twelfth avenue south, at Washington avenue.
- 296 On Thirteenth avenue south, at Washington avenue.
- 297 On Fourteenth avenue south, at Washington avenue.
- 298 On Cedar avenue, at Washington avenue.
- 299 On Hennepin avenue, at Washington avenue.
- 300 On Hennepin avenue, at Third street.
- 301 On Hennepin avenue, at Fourth street.
- 302 On Hennepin avenue, at Fifth street.
- 303 On Hennepin avenue, at Sixth street.
- 304 On Hennepin avenue, at Seventh street.
- 305 On Hennepin avenue, at Eighth street.
- 306 On Hennepin avenue, at Ninth street.
- 307 On First avenue north, at Washington avenue.
- 308 On Second avenue north, at Washington avenue.
- 309 On Third avenue north, at Washington avenue.
- 310 On Third avenue north, at Second street.
- 311 On Nicollet avenue, at Third street south.
- 312 On Nicollet avenue, at Fourth street south.
- 313 On Nicollet avenue, at Fifth street south.
- 314 On Nicollet avenue, at Sixth street south.
- 315 On Nicollet avenue, at Seventh street south.
- 316 On Nicollet avenue, at Eighth street south.
- 317 On Nicollet avenue, at Ninth street south.
- 318 On Mary place, at Ninth street south.

Circuit No. 10.—55 Lamps.

No. of Lamp.	
319	On Fourth avenue north, at Second street.
320	On Fifth avenue north, at Second street.
321	On Seventh avenue north, at Second street.
322	On Ninth avenue north at Second street.
323	On Plymouth avenue, at First street north.
324	On Plymouth avenue, at Second street north.
325	On Plymouth avenue, at Washington avenue north.
326	On Fourteenth avenue north, at Fourth street.
327	On Fourteenth avenue north, at Third street.
328	On Sixth avenue north, at Bryant avenue.
329	On Sixth avenue north, at Emerson avenue.
330	On Eighth avenue north, at Emerson avenue.
331	On Eleventh avenue north, at Emerson avenue.
332	On Twelfth avenue north, at Emerson avenue.
333	On Twelfth avenue north, at Fremont avenue.
334	On Eleventh avenue north, at Fremont avenue.
335	On Eleventh avenue north, at Girard avenue.
336	On Eighth avenue north, at Fremont avenue.
337	On Eighth avenue north, at Girard avenue.
338	On Sixth avenue north, at Fremont avenue.
339	On Sixth avenue north, at Girard avenue.
340	On Seventh avenue north, at Elwood avenue.
341	On Eighth avenue north, at Irving avenue.
342	On Elwood avenue, at Thomas place.
343	On Sixth avenue north, at James avenue.
344	On Western avenue, at Logan avenue north.
345	On Western avenue, at Newton avenue north.
346	On Western avenue, at James avenue north.
347	On Western avenue, at Penn avenue north.
348	On Fifth avenue north, at Colfax avenue.
349	On Tenth avenue north, at Washington avenue.
350	On Eighth avenue north, at Washington avenue.
351	On Washington avenue north, between Seventh and Eighth avenue
352	On Washington avenue north, at Sixth avenue.
353	On Washington avenue north, at Fifth avenue.
354	On Washington avenue north, at Fourth avenue.
355	On Fourth avenue north, at First street.
356	On Sixth avenue north, at First street.
357	On Eighth avenue north, at First street.
358	On North Minneapolis police station.
359	On Eighteenth avenue north, at Third street.
360	On Eighteenth avenue north, at Fourth street.
361	On Seventeenth avenue north, at Third street.
362	On Seventeenth avenue north, at Fourth street.
363	On Fifteenth avenue north, at Third street.
364	On Fifteenth avenue north, at Fourth street.
365	On Twentieth avenue north, at Washington avenue.
366	On Twentieth avenue north, at Fourth street.
367	On Twentieth avenue north, at Sixth street.
368	On Twentieth avenue north, at Lyndale avenue.
369	On Twentieth avenue north, at Bryant avenue.
370	On Twentieth avenue north, at Emerson avenue.
371	On Twentieth avenue north, at Girard avenue.
372	On Twentieth avenue north, at Irving avenue.
373	On Crystal Lake avenue, at Sixteenth street north.

Circuit No. 12.—59 Lamps.

No of Lamp.	
374	On Hennepin avenue, at Twelfth street.
375	On Hennepin avenue, at Thirteenth street.
376	On Hennepin avenue, at Spruce place.
377	On Hennepin avenue, at Harmon place.
378	On Harmon place, at Maple place.
379	On Harmon place, at Willow street.
380	On Harmon place, at Spruce place.
381	On Harmon place, at Thirteenth street south.
382	On Harmon place, at Twelfth street south.
383	On Harmon place, at Eleventh street south.
384	On Harmon place, at Tenth street south.
385	On Mary place, at Eighth street south.
386	On Mary place, at Tenth street south.
387	On Mary place, at Eleventh street south.
388	On Yale place, at Twelfth street south.
389	On Yale place, at Thirteenth street south.
390	On Yale place, at Spruce place.
391	On Yale place, at Willow street.
392	On Vine place, at Grant street.
393	On Vine place, at Fifteenth street.
394	On Spruce place, at Grant street.
395	On Willow street, at Grant street.
396	On Fifteenth street, between Willow and Oak Grove streets.
397	On Fifteenth street, at Oak Grove street.
398	On Fifteenth street, at Spruce place.
399	On Nicollet avenue, at Tenth street.
400	On Nicollet avenue, at Eleventh street.
401	On Nicollet avenue, at Twelfth street south.
402	On Nicollet avenue, at Thirteenth street south.
403	On Nicollet avenue, at Grant street.
404	On First avenue south, at Third street.
405	On First avenue south, at Fourth street.
406	On First avenue south, at Fifth street.
407	On First avenue south, at Sixth street.
408	On First avenue south, at Seventh street.
409	On First avenue south, at Eighth street.
410	On First avenue south, at Ninth street.
411	On First avenue south, at Tenth street.
412	On First avenue south, at Eleventh street.
413	On First avenue south, at Twelfth street.
414	On First avenue south, at Thirteenth street.
415	On First avenue south, at Grant street.
416	On Second avenue north, at First street.
417	On First avenue north, at second street.
418	On Central avenue between Island avenue and steel arch bridge.
419	On Central avenue, at Island avenue.
420	On Central avenue, at Main street.
421	On Central avenue, at Second street.
422	On Central avenue, at University avenue.
423	On Prince street, near Exposition building.
424	On Mast, Bridge square
425	On Mast, Bridge square
426	On Mast, Bridge square
427	On Mast, Bridge square
428	On Mast, Bridge square
429	On Mast, Bridge square
430	On Mast, Bridge square
431	On Mast, Bridge square
432	At Police headquarters

Circuit No. 18.—68 Lamps.

No. of Lamp.	
433	On Blaisdell avenue, at Twenty-eighth street
434	On Nicollet avenue, at Twenty-ninth street.
435	On Nicollet avenue, at Lake street.
436	On Nicollet avenue, at Thirty-first street
437	On Nicollet avenue, at Thirty-second street.
438	On Nicollet avenue, at Thirty-third street.
439	On Nicollet avenue, at Thirty-fourth street.
440	On Nicollet avenue, at Thirty-seventh street.
441	On Nicollet avenue, at Fortieth street
442	On Nicollet avenue, at Forty-third street.
443	On Nicollet avenue, at Forty-sixth street.
444	On Nicollet avenue, between Fiftieth and Fifty-first streets.
445	On Lyndale avenue south, at Fortieth street.
446	On Lyndale avenue south, at Forty-second street.
447	On Lyndale avenue south, at Forty-fourth street.
448	On Lyndale avenue south, at Forty-sixth street.
449	On Lyndale avenue south, at Forty-eighth street.
450	On Lyndale avenue south, at Fiftieth street.
451	On Lyndale avenue south, at Fifty-second street.
452	On Lyndale avenue south, at Fifty-third street.
453	On Stevens avenue, at Twenty-ninth street.
454	On Stevens avenue, at Lake street.
455	On Stevens avenue, at Thirty-first street.
456	On Stevens avenue, at Thirty-second street.
457	On Stevens avenue, at Thirty-third street.
458	On Stevens avenue, at Thirty-fourth street.
459	On Stevens avenue, at Thirty-sixth street
460	On Stevens avenue, at Thirty-eighth street.
461	On Third avenue south, at Twenty-ninth street.
462	On Third avenue south, at Lake street.
463	On Third avenue south, at Thirty-second street.
464	On Third avenue south, at Thirty-fourth street.
465	On Third avenue south, at Thirty-sixth street.
466	On Third avenue south, at Thirty-eighth street.
467	On Fourth avenue south, at Lake street.
468	On Fourth avenue south, at Thirty-fourth street.
469	On Fourth avenue south, at Thirty-eighth street.
470	On Portland avenue, at Lake street.
471	On Portland avenue, at Thirty-second street.
472	On Portland avenue, at Thirty-fourth street.
473	On Portland avenue, at Thirty-sixth street.
474	On Portland avenue, at Thirty-eighth street.
475	On Park avenue, at Lake street.
476	On Chicago avenue, at Lake street.
477	On Chicago avenue, at Thirty-second street.
478	On Chicago avenue, at Thirty-fourth street.
479	On Chicago avenue, at Thirty-fifth street.
480	On Chicago avenue, at Thirty-sixth street.
481	On Chicago avenue, at Thirty-eighth street.
482	On Ninth avenue south, at Thirty-third street.
483	On Tenth avenue south, at Thirty-fifth street.
484	On Tenth avenue south, at Thirty-eighth street.
485	On Fourteenth avenue south, at Thirty-fifth street.
486	On First avenue south, at High street.
487	On First avenue south, at Second street.
488	On Third avenue south, at First street.
489	On Second avenue south, at Second street.
490	On Second avenue south, at Third street.
491	On Second avenue south, at Fourth street.
492	On Second avenue south, at Fifth street.
493	On Second avenue south, at Sixth street.
494	On Second avenue south, at Seventh street.
495	On Second avenue south, at Eighth street.
496	On Second avenue south, at Ninth street.
497	On Second avenue south, at Tenth street.
498	On Second avenue south, at Eleventh street.
499	On Second avenue south, at Twelfth street.
500	On Second avenue south, at Grant street.

Also thirty twenty-five candle power incandescent lamps on steel arch bridge.

ANNUAL REPORT
INSPECTOR OF BUILDINGS.

1891.

DEPARTMENT OF INSPECTOR OF BUILDINGS.

JOHN M. HAZEN	-	-	Inspector of Buildings.
CLAYTON R. HAZEN	-	-	Clerk of Department.
J. W. WOODMAN	-	-	Assistant Inspector.
JOHN ALMQUIST	-	-	Assistant Inspector.
MARTIN MCHALE	-	-	Assistant Inspector.
PETER DICKINSON	-	-	Plumbing Inspector.
JAMES HART	-	-	Asst. Plumbing Inspector.
W. E. J. DEMING	-	-	Electric Wire Inspector.

ANNUAL REPORT
OF THE
INSPECTOR OF BUILDINGS.

To the Honorable, the City Council of the City of Minneapolis:

GENTLEMEN:—I herewith submit the seventh annual report of this department, embracing the fourth quarterly report for the year 1891, together with a recapitulation of the year's business.

This report represents the actual number of permits, and their estimated cost as returned to this office. We have, in addition, expended \$325,172.66 on the new city hall and court house, and \$50,000 on the new Lumber Exchange, for which permits were taken in 1888 and 1890. This amount, added to the \$4,710,615 for which permits were issued in 1891, gives us \$5,085,787.66 as the capital actually expended in building in the city during the year 1891. These figures are not large, yet they speak well for our city.

While we have erected no very large or expensive structures, the class of buildings built the past year have been above the average. A considerable amount of money has been expended in re-modeling old business blocks and single store buildings, transforming them from their "early day" appearance to handsome and inviting business places; and in every case the owners have found tenants before the re-modeling was completed.

Especial attention has been given to fire-proof construction, and buildings within the fire limits, and I respectfully call your attention again to the matter of better construction in our business centre; that is, buildings so constructed that should a fire occur therein, it could be confined to that building. Prevent the erection of buildings within certain limits, which, when a fire starts, not only destroys itself, but all adjoining property. Within these limits all exterior, division, party and partition walls, floors, ceilings and roofs should be fire proof.

The ravages of fire in other cities the past year, and our own has not entirely escaped, will, in my opinion, be the means of adopting laws which will prevent, to a large extent, the spread of flames; and, while Minneapolis has an excellent fire department, composed of the bravest of men, and equipped with the most modern appliances, yet there are places and circumstances which utterly defy the most competent fire department.

The matter of dividing rooms over business places, within the fire limits, with match board partitions, and ceiling stores in the same manner, have been discouraged by this department, yet it has been and is now done, to the great detriment of the buildings in which the work is done, and also to adjoining property. I would recommend to your honorable body, a change in our present ordinance, prohibiting matched board partitions and ceilings in all buildings inside the fire limits.

During the year 1891 we have constructed sixty-five store buildings, at an average cost of \$7,943.46 each, as follows: 36 brick store buildings, to-

tal cost, \$431,750; 7 brick veneered store buildings, total cost, \$71,700; 22 wood store buildings outside the fire limits, at a total cost of \$12,875; 132 miscellaneous buildings, which includes churches, schools, public halls, etc., etc., at a total cost of \$1,701,225; 30 brick and stone dwellings have been erected at a cost of \$764,500; 22 veneered dwellings which cost \$166,500; 334 two-story frame dwellings at a cost of \$806,200; 99 one and one-half story frame dwellings which cost \$80,235; 51 one-story frame dwellings, costing \$29,425; 355 barns, at a total cost of \$108,360; 1,945 additions and repairs, costing \$527,845. Total number of dwellings erected in 1891, 539; total cost of same, \$1,856,860.

We have now in the city of Minneapolis 32,565 dwelling houses, 2,141 store buildings, 162 churches, 50 public school buildings, 29 colleges, academies and seminaries, 48 public halls, 18 hospitals and asylums, and 6 theatres; 3,036 permits have been issued from this office to erect and repair buildings, at a total cost of \$4,710,615; 441 permits to move buildings; 43 examinations of dangerous buildings; 3,618 miscellaneous examinations made; 216 notices served; 1,170 permits to do plumbing at an estimated cost of \$254,958; 1,466 examinations of plumbing; 54 examinations of reported dangerous plumbing; 14 water tests and 720 air tests of plumbing; 927 final examinations of plumbing; 32 notices to erect fire escapes; 333 permits to do electric wiring, at a cost of \$60,325; 1,352 electric wire inspections; 259 condemned or ordered changed; 442 elevators inspected.

Sanitary plumbing receives the undivided attention of two competent inspectors, and I am pleased to say that Minneapolis takes the lead, over all cities, in the matter of testing plumbing. Every job of plumbing receives two tests, the first after the "roughing in" has been completed, and the second, or final, as it is called, after the whole system has been completed and ready for use. After a building has been plumbed and passed the inspection of the plumbing inspector, after the two tests, the occupants can rest perfectly secure, with the positive assurance that no sewer gas can, by any manner of means, enter the house through the plumbing.

Electricity, and the use of it, is assuming enormous proportions, not only in our own city, but in all cities throughout the civilized world. Light and power are the principal uses for which it has been applied, yet many are using it for heating and other purposes. The skillful eye of the inventor is constantly watching, and his brain continually working, on the application of electricity; and a very short time will demonstrate a wonderful stride in this branch of skillful inventions. The city of Minneapolis is probably as well supplied with electric plants and lights as most any other city of its size in the Union, yet the accidents caused by electricity are comparatively nothing as compared with other motive powers.

The work of this department for the year 1891 is given below, in quarters, and may be summed up as follows :

	Generators inspected.	Motors inspected.		Arc lights.	Incandescent lights.	Incandescent wiring.	Arclet wires.	Electro heating.	Cells, storage.	Number inspections.	Number accepted.	Number condemned.
		No.	H. P.									
First quarter.....	10	30	183½	113	2,818	150	15	1	24	234	194	40
Second quarter.....	20	52	248	113	3,228	268	49	2	24	344	265	78
Third quarter.....	19	48	133½	611	4,437	300	24	1	....	388	300	88
Fourth quarter.....	18	43	162	226	5,317	257	11	3	....	386	333	53
Total.....	67	173	727	1,063	15,800	975	99	7	24	1,352	1,093	259

There have been eight fires during the year caused directly by the electric current, in which the total damage was less than \$100.

One man and one horse was killed, electricity being the direct cause. and two men were killed in which electricity was the secondary but not the primary cause of death.

Ten years ago the 21st day of December last, the first electric light was used in Minneapolis. Now if the entire business was reduced to 16 candle power incandescent lamps, it would amount to 164,989.

Below I give the report of my electric inspector, as returned to me. He has taken great care to investigate the matter carefully, and I have no doubt has it practically correct.

The first electric light in Minneapolis was an arc light run from a small Brush plant in the Pillsbury A mill, and was started Dec. 24, 1881.

This was followed by a ten light United States (Weston) plant in the Big Boston clothing store, old Academy of Music building, March 31, 1882.

The first incandescent plant was a United States (Weston) located in the Pillsbury A mill in January, 1884.

At the present time there are seven isolated arc plants running 380 lights, and seventy isolated incandescent plants running 22,110 lights.

This includes 3,025 multiple series lights run by the Street Railway company.

In 1883-4 a few incandescent lights were run from storage batteries charged from central stations, but this soon proved a failure and they were abandoned. Prior to 1887 the only incandescent lights run from central station were a few scattered groups of series multiple lights run on arc light circuits. About this time the furnishing current for incandescent lights for commercial purposes became an established fact, and at the present time there are 27,822 incandescent lights running from central station not including street railway lights.

Electricity as a motive power was used to but a small extent previously to 1900. At the present time there are 575 horse power motors in use, exclusive of street railway and small fan and dental motors. The street railway has 6,500 horse power of motors in use and this makes a total of 7,075 horse power. There are 1,803 arc lights running from central station.

Electro heating is in its infancy and is not yet a perfect success although about eight horse power of current is used for this purpose, chiefly in laundries, hat stores and clothing factories.

The total business of manufacturing electricity (if it may be termed manufacturing) is as follows:

Isolated arc lights	380	
Central station arc lights.....	1,803	
Total.....		2,183
Isolated incandescent.....	22,110	
Central station incandescent.....	27,822	
Total.....		49,932
Horse power motors		7,075
Horse power electro heating...		8

Your inspector is now, and has been in the past, very materially aided in all his undertakings by your honorable body, the newspapers, and the citizens generally throughout the city; for which the thanks of this department are heartily extended.

Very respectfully submitted,

J. M. HAZEN,

Inspector of Buildings.

TABLE NO. 1.
NUMBER OF KINDS AND COST OF BUILDINGS FOR THE YEAR 1891.

WARD.	BRICK STORES.		VENERED STORES.		WOOD STORES.		MISCELLANEOUS.		BRICK AND STONE DWELLING.		VENERED DWELLING.		2 STORY FRAME DWELLING.		1½ STORY FRAME DWELLING.		BARN.		ADDITIONS AND REPAIRS.		WARD TOTALS.			
	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.		
1	7	\$70,060	1	\$12,000	2	\$1,100	12	\$380,800	1	\$ 1,000	2	\$1,200	23	\$41,750	10	\$5,500	5	\$3,150	23	\$3,245	117	\$25,965	392	\$ 754,060
2	3	67,000	2	9,000	3	2,250	11	102,800	1	10,000	4	9,800	42	106,000	12	13,925	5	1,960	54	5,935	126	34,505	221	374,715
3	7	67,000	2	9,000	3	2,250	18	176,815	6	19,000	4	9,800	30	32,500	15	16,750	5	1,960	42	5,935	247	67,915	380	394,465
4	12	172,700	2	40,000	1	750	21	455,625	3	186,000	1	20,000	17	72,600	2	2,000	2	1,500	22	17,150	345	123,800	425	1,033,465
5	3	72,000	2	40,000	1	750	22	243,300	9	308,000	3	65,000	4	19,500	1	500	1	1,400	17	13,425	17	58,325	273	840,560
6	4	32,000	1	1,050	5	1,050	2	61,575	2	73,000	3	35,000	6	21,800	1	500	1	25	8	4,725	145	31,800	183	460,470
7	1	12,000	2	10,700	8	1,750	5	36,000	2	20,000	1	500	1	41,700	1	2,700	1	25	4	9,745	100	24,635	254	452,125
8	2	12,000	2	10,700	8	1,750	5	48,250	1	500	51	255,300	3	2,200	11	9,450	1	2,800	58	97,145	124	31,835	324	652,375
9	2	12,000	2	10,700	8	1,750	5	12,350	1	2,500	53	80,000	23	16,000	23	15,000	1	4,150	187	73,595	218	150,872		
10	1	6,000	1	6,000	1	300	3	1,700	1	500	13	69,350	11	9,450	11	9,450	1	4,150	70	13,595	321	150,872		
11	1	6,000	1	6,000	1	300	3	15,500	1	30,000	1	1,000	13	32,500	1	1,000	1	1,400	18	3,050	120	134,595		
12	1	6,000	1	6,000	1	300	3	2,700	1	1,000	1	1,000	1	6,500	1	1,000	1	1,400	17	3,925	165	101,580		
13	1	6,000	1	6,000	1	300	4	13,750	1	1,000	1	1,000	6	15,500	6	4,400	3	2,800	17	2,955	85	40,800		

TABLE NO. 2.

Three thousand and thirty-six building permits issued during the year 1891, estimated cost \$1,710,815.
 Four hundred and forty-one moving permits issued during the year 1891.
 Forty-three examinations of dangerous buildings.
 Three thousand six hundred and eighteen miscellaneous examinations made.
 Two hundred and sixteen notices served.
 One thousand one hundred and seventy plumbing permits issued, estimated cost, \$254,068.
 One thousand four hundred and sixty-six examinations of plumbing.
 Fifty-four examinations of reported dangerous plumbing.
 Fourteen water tests made.
 Seven hundred and twenty air tests made.
 Nine hundred and twenty-seven final examinations made.
 Thirty-two notices to erect fire escapes.
 Three hundred and thirty-three electric wiring permits issued during the year 1891, estimated cost \$80,321.
 One thousand three hundred and fifty-two electric wiring inspections; 250 condemned or ordered changed.
 Four hundred and forty-two examinations of elevators.
 Total, \$5,025,894.

ANNUAL REPORT
INSPECTOR OF MEATS.
1891.

MEAT INSPECTION DEPARTMENT.

D. T. DAVIES	-	-	-	-	-	Inspector.
WYMAN COSTIGAN	-	-	-	-	-	Asst. Inspector.

ANNUAL REPORT
OF THE
INSPECTOR OF MEATS.

MINNNAPOLIS, January 1st, 1892.

To the Honorable City Council of Minneupolis, Minnesota :

GENTLEMEN :—I hereby submit my third annual report of this department, for official as well as public information, for the year ending December 31st, 1891.

By referring to the figures of the different annual reports, we observe a decrease in the quantity condemned, as reported in the second annual report, over the figures shown in the first, and we naturally expected a decrease in the third over the second; but after completing the report we were surprised by a decided increase in the figures, which will maintain the belief that unwholesome meats and other articles of food will be offered for sale, in a city of this size, notwithstanding all the precautions taken, and the rigid restrictions enforced.

It may be stated that the weather on some few occasions in the last year has been rather unfavorable to preserve meats, and we would have been pleased to account for the increase in this way, but we are sorry to state that we have discovered more specimens of injurious diseases, especially in the beeves offered for sale in this year over any previous year, and as they are not new in kind, with the exception of skin diseases on hogs, I have nothing further to recommend other than I have recommended in previous reports.

Yet we are quite certain that the quality and grade offered for our markets compare well with any other city of its size, every precaution having been taken to insure best results in all branches connected with this office.

We are highly pleased with the improvement in the grade of veals presented to our markets this year.

We are also well pleased and wish to warmly thank those we have come in contact with, for their hearty co-operation and assistance furnished us, which is of great importance in carrying out effectually the workings of this office.

The sanitary condition of the meat markets all over the city has been improved, and better care taken by the butchers and bakers of their premises and places of business than in previous years.

The bread ordinance, passed of late by your Honorable Body, is really too new to say anything about its workings.

The following are the figures showing the amount condemned, of the different kinds, for each month, and their sum total.

Yours obediently,

D. T. DAVIES,

City Meat Inspector.

SUMMARY OF MEATS, ETC., CONDEMNED FROM JANUARY 1, 1891, TO DECEMBER 31, 1891.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Fresh beef.....	321	490	567	312	674	2724	393	810	2036	1003	410	1430	11170
Salt beef.....	40	287	...	705	1495	80	220	390	300	50	...	...	3657
Fresh pork.....	98	303	640	...	363	417	280	2690	280	1146	...	205	6422
Salt pork.....	25	238	84	698	168	...	95	80	150	90	...	400	2028
Veal.....	197	227	587	448	133	2460	1086	375	671	359½	291	...	6834½
Venison.....	29	...	...	...	...	...	...	...	...	...	...	90	119
Chickens.....	1197	730	589	410½	60	...	...	...	...	20	182	1847	5035½
Turkeys.....	107	...	...	302	...	...	...	...	...	...	...	120	529
Geese.....	...	60	...	...	...	...	...	...	...	...	...	831	891
Ducks.....	...	...	...	...	...	...	...	...	...	...	...	103	103
Mutton.....	...	145	49	40	50	1130	...	288	112	164	...	...	1984
Lambs.....	...	80	...	60	...	...	...	118	15	...	...	...	273
Fish.....	1473	304	333	505	...	...	115	160	...	14	70	212	3086
Salt fish.....	...	...	...	...	900	...	...	...	...	...	...	...	900
Smoked hams.....	...	80	...	195	254	220	15	600	410	28	351	...	2153
Boneless hams.....	...	...	...	40	1100	506	...	...	...	...	...	...	1640
Smoked shoulders.....	...	...	12	45	120	...	...	...	...	...	18	...	195
Bacon.....	...	...	...	...	...	...	...	100	45	60	...	...	205
Salt tongue.....	...	...	...	28	...	...	230	...	...	...	...	...	258
Pork tenderloin.....	...	...	50	...	...	...	...	...	...	...	...	140	190
Pickled pigs feet.....	50	...	...	...	60	55	...	...	...	...	...	...	165
Bologna meat.....	...	130	68	225	105	40	...	167	...	...	...	...	705
Bologna sausage.....	...	...	220	325	20	153	...	90	90	40	...	...	868
Pork sausage.....	...	38	...	20	33	...	61	...	...	40	...	...	191
Summer sausage.....	...	...	...	30	...	...	95	...	60	...	...	...	185
Liver sausage.....	...	...	...	38	70	...	...	...	30	...	30	...	168
Head cheese.....	...	...	...	...	105	...	...	...	...	...	...	...	105
Lard.....	...	...	40	...	...	...	...	...	...	...	...	...	40
Total.....	3537	3012	3230	4576½	4610	8385	3089	5868	4129	3014½	1352	5378	50190

MISCELLANEOUS.

8 gallons oysters; 7 beef livers; 106 rabbits; 36 prairie chickens; 28 pheasants; 65 wild ducks; 13 snipes; 196 cases strawberries.

ANNUAL REPORT
Sealer of Weights and Measures.
1891.

ANNUAL REPORT
OF THE
SEALER OF WEIGHTS AND MEASURES.

MINNEAPOLIS, MINN., January 1, 1892.

To the Honorable City Council:

GENTLEMEN:—In accordance with a resolution passed by your honorable body, November 28, 1890, calling for a detailed report from the heads of the different departments of the city government, to be submitted to the city council annually on or before January 10th of each and every year, I herewith submit the following for the year ending December 31, 1891:

I have visited one thousand five hundred and ninety-seven (1,597) places of business where either scales, weights or measures, or all of them, were used in the transaction of business. I have had examined and tested and either found correct or condemned three thousand one hundred and ninety-eight (3,198) sets of scales, two thousand nine hundred and three (2,903) wine and dry measures, and one thousand six hundred and sixty-six (1,666) yard measures. I have had adjusted one hundred and twenty-seven (127) sets of scales that were more or less out of balance caused by some small defect that could be overcome without much difficulty and thus avoided the necessity of the owners being made any expense on them by having to take them to some scale-house for repairs. I found it necessary to condemn thirty-one (31) sets of scales, ninety-five (95) weights, and one hundred and eighty-four (184) wine and dry measures.

In accordance with the coal ordinance passed by your honorable body March 14, 1890, I have appointed, during the year, sixteen (16) deputy weighmasters, which have been in all cases men that were selected or recommended by the coal dealers. Some of them were appointed to take the place of deputies that had been removed, while others were appointed to fill new stations in coal yards that were not in operation last year. I have stopped on the way of delivery over five hundred (500) loads of coal to ascertain if the driver had the proper weighmaster's certificate that the ordinance requires should accompany each and every load, and I am pleased to say that there were but three instances where they did not have them, and they were all satisfactorily explained to me upon going to the weighmaster at the yard from which the coal was being delivered. In one case the driver had carelessly gone off and left the certificate on the office desk. In another case the man that had bought the coal saw it weighed and took the certificate with him. In the third case the certificate was mailed to the party buying the coal, to his office address, at his request. I also caused to be weighed during the year, either on city or

some other public scales that had previously been tested by me, about two hundred and fifty (250) loads of coal; having lost the memorandum book that I carried for that purpose, I am unable to give the exact number and the exact weights, and, although there were some shortages, running from ten (10) pounds to, in one case, one hundred (100) pounds on a load of two tons of coal, the facts are that I have weighed more loads that ran over the amount the certificate called for than I have that had less than the amount the certificate called for; and upon a careful investigation of these cases where the shortages occurred I am fully satisfied that in every case it was either through carelessness in the weighmaster not balancing his scales often enough or by allowing dirt or loose coal to accumulate and then by not cleaning them off as frequently as should have been done. I do not believe that there was a criminal intent in any one of the cases that I have so far investigated. I am fully aware that carelessness can only be excused to a certain extent, and I have been obliged to cause the dismissal of one deputy for that reason, and I notified others that any more mistakes could and would not be excused—I having given all the benefit of the doubt as to their honesty rather than accuse one of them of wrong doing without a certainty.

On the whole, I believe the coal ordinance, as it now stands, to be as near a success as it would be possible to make it, with one exception, and that if the general public were as well protected from fraud in other lines of business as they are in the coal trade they would have little cause for complaint. The exception, and the only change that I could suggest that I think would improve the ordinance at all is the one that I made last year in my annual report, viz.: that it was my belief that car-loads of coal should be weighed before going to the consumer by a deputy weighmaster the same as other coal, instead of by the railroad companies.

I feel the necessity of again calling your honorable body's attention to the fact that a large proportion of the dealers in that class of foods and liquids that should be measured in either dry or wine measures are avoiding the spirit of the law by substituting, in the case of dry measures, paper sacks which they claim will hold the given amount asked for by a customer. As an illustration, they will take what is known by the trade as a twelve-pound sack and fill it as near full as they may think they can afford to for a half peck, using a twenty-pound sack for a peck, and so on, measuring their liquids, such as vinegar, cider, syrup, molasses, etc., by running them directly from the barrel in which they are contained into so-called one, two, three, four and five gallon jugs or jars which may or may not hold the given quantity. I maintain that every dealer selling such goods should be obliged by law to keep at least one full set of dry and wine measures and be compelled to use them in place of guess work as is often the case now.

I also embrace this opportunity of again calling your honorable body's attention to the fact that the evil still exists of the market gardeners, farmers and so-called farmers being allowed to sell their produce in baskets of a questionable size called a bushel to suit their convenience, while they ought to be compelled to sell them in standard bushels, or, more properly, by weight. The regular dealers and storekeepers who have to pay city taxes for the privilege of doing business and are compelled by

law to sell their wares in sealed measures are thus put at a great disadvantage and gross injustice is done not only to them but to the public in general, and the wrong ought to be righted as soon as practicable by proper legislation on this matter.

There should also be some way of remedying and righting another wrong by enacting a law or ordinance that would compel all dealers selling dry or wine measures to sell a standard measure that will hold exactly the amount that it was represented to hold and stand the test of the city sealer's measures. As it is now I have been compelled to condemn a good many measures that were practically new, having recently been purchased by the retailer in good faith on his part, he supposing that they were all right, in which case he not only loses the measure and what he paid for it, but was also out the testing fees, and then did not know where to go to purchase those that he could feel sure were all right. I have done what I could to help out the cause by going to several of the larger dealers in this class of goods and talking the situation over with them and trying to get them interested in doing what they could to remedy the matter, and I am pleased to say that I was nicely received and have their promise that they would give the matter their earnest attention.

My fees for testing scales, measures, weights, etc., for the year have amounted to one thousand three hundred and eighty-four dollars and eighty-five cents (\$1,384.85), out of which I have paid my deputy, J. C. Dohrman, one hundred and eighty-four dollars and eighty-five cents (\$184.85) and Deputy Alfred Harrison one hundred and fifty-five dollars (\$155), a total of three hundred and thirty-nine dollars and eighty-five cents (\$339.85). I am also at the expense of keeping a horse, wagon and harness through the entire year for the accomodation of the office, which, at a low estimate, should be worth two hundred dollars (\$200) a year. In justice to the dealers that I come in contact with, and to my own convictions in the matter, I feel compelled to say to your honorable body that I sincerely beleve that the officer holding my position should be paid a salary by the city and that there should be no fees, for the sole reason, if for no other, that the parties that are most benefitted by the results of the work of my office are the taxpayers and the public in general, and consequently they ought to pay their proportion, at least, for the benefit derived, and thus the storekeepers, who are already largely taxed for the privilege of doing business, should be relieved from an extra tax which, it seems to me should properly be paid out of the general fund.

Very respectfully submitted,

A. G. MOSHER, *City Sealer.*

ANNUAL REPORT
BOARD OF EDUCATION.

1891.

BOARD OF EDUCATION FOR 1891.

MEMBERS.

A. C. AUSTIN	-	-	-	-	Term expires January 1, 1893.
ROBERT PRATT	-	-	-	-	Term expires January 1, 1893.
M. FALK. GJERTSEN	-	-	-	-	Term expires January 1, 1895.
A. T. ANKENY	-	-	-	-	Term expires January 1, 1895.
JOHN NORTON	-	-	-	-	Term expires January 1, 1897.
LUTH JAEGER	-	-	-	-	Term expires January 1, 1897.
JOS. H. ROLFE	-	-	-	-	Term expires January 1, 1897.

OFFICERS OF THE BOARD.

A. T. ANKENY	-	-	-	-	-	President.
M. FALK. GJERTSEN	-	-	-	-	-	Secretary.
K. KORTGAARD	-	-	-	-	-	Treasurer.
H. B. MARCHBANK	-	-	-	-	-	Clerk.
W. M. DUNCAN	-	-	-	-	-	Foreman of Buildings.
JOHN E. BRADLEY, PH. D.	-	-	-	-	-	Superintendent of Schools.

STANDING COMMITTEES.

- Committee on Rules and Regulations—MESSRS. NORTON, PRATT AND ROLFE.
- Committee on Finance, Claims and Insurance—MESSRS. AUSTIN, JAEGER AND PRATT.
- Committee on Building and Repairs—MESSRS PRATT, NORTON AND JAEGER.
- Committee on Teachers, Janitors and Salaries— MESSRS. ROLFE, GJERTSEN AND NORTON.
- Committee on Fuel, Supplies and Printing—MESSRS JAEGER, AUSTIN AND GJERTSEN.
- Committee on Text Books, Course of Study and Library—MESSRS. GJERTSEN, ROLFE AND AUSTIN.

The President is *ex-officio* member of all committees.

ANNUAL REPORT.

OF THE

BOARD OF EDUCATION.

To the Honorable City Council of the City of Minneapolis:

GENTLEMEN.—I herewith submit to your honorable body a statistical report of the work and expenses of the board of education for the year 1891, and a statement of its present condition.

The results of the past year have been very satisfactory, as you will see by the tables appended. The enrollment of scholars has been increasing at a very rapid rate, and the board has had in some districts to provide extra accommodations to meet the increasing number of scholars.

The expenses of the year by as strict economy as is consistent with proper efficiency have been reduced to a minimum.

Altogether, in submitting this report, I feel that the year 1891 has been one of great results, in regard to education.

Cash value of buildings.....	\$1,365,196.63
Cash value of land.....	964,400.00
	\$2,229,596.63

RECEIPTS AND DISBURSEMENTS.

Receipts.

Balance on hand January 1, 1891.....	\$945.62
Receipts from all sources.....	841,028.43
	\$841,974.05

Disbursements.

Running expenses.....	\$485,066.06
Improvements.....	12,270.87
Furniture.....	2,214.52
Interest on bonds.....	37,709.36
Grading.....	358.22
Bills payable.....	299,000.00
	\$836,649.03
Balance January 1, 1892.....	\$5,325.02

The above item of \$37,709.36 for interest on bonds has been ordered refunded by the courts, as the board of education is not liable for the interest. The courts deciding that the city shall assume the payment of such interest.

For a more detailed statement of the finances of the board, see comptroller's report.

Number of school buildings in 1891:

Brick.....	44
Frame.....	5
Total.....	49
Number of school rooms.....	547
Number of recitation rooms.....	213
Total.....	760

Seating capacity.....	25,926
Number of teachers employed December 1891.....	567
Number of teachers evening schools.....	47
Total enrollment December 31, 1891.....	21,100
Increase over last year.....	1,458
Total enrollment evening school.....	1,858
Increase over last year.....	134
Enrollment in 1887.....	16,194
Enrollment in 1888.....	17,997
Enrollment in 1889.....	19,496
Enrollment in 1890.....	20,592
Number of school buildings in 1885.....	27
Number of school buildings in 1886.....	29
Number of school buildings in 1887.....	36
Number of school buildings in 1888.....	39
Number of school buildings in 1889.....	45
Number of school buildings in 1890.....	49
Number of school buildings in 1891.....	49

No new buildings have been erected during the past year, but extra accommodation had to be provided in the Prescott, Sumner, Franklin, North Side High and Hawthorne districts, by renting rooms adjacent to the school buildings.

New plumbing of a modern type has been put in at the Whittier, Grant, Emerson, Garfield, Horace Mann, Humboldt and Lowell buildings at a total cost of \$9,498.20.

In the matter of fuel there has been, during the year 1891, a marked decrease in the cost of heating the school buildings. The fuel bill for last year being \$22,803.47, and for this year \$18,411.14, being a saving of \$4,332.33 in that direction.

The work of the schools this year have gone on prosperously, nearly all of the schools being filled up.

It is the aim of the Board of Education to make the work of the school progressive and thorough without attempting unwise experiments.

In the Adams and Holmes schools there has been added during the last year fourth year high school class, placing these schools on a par with Central and North Side high schools, giving the city four high schools, thoroughly equipped in every direction.

Manual training has taken up a large share of the attention of the board, who believe that such training is beneficial and has the effect of stimulating the physical as well as the mental energies of the scholars.

Sewing and drawing and industrial work in the primary grades have shown great advancement over last year.

In conclusion I would say that we have every reason to feel gratified with the success which we have attained in educating the children and youth of our city.

Respectfully submitted,

M. FALK GJERTSEN, *Secretary.*

ANNUAL REPORT
LIBRARY BOARD.

1891.

LIBRARY BOARD, 1891.

T. B. WALKER	-	-	-	-	President.
		(Term expires 1895.)			
JOHN G. MOORE	-	-	-	-	Secretary.
		(Term expires 1897.)			
J. B. ATWATER.					THOMAS LOWRY.
(Term expires 1893.)					(Term expires 1891.)
A. M. GOODRICH.					SVEN OFTEDAL.
(Term expires 1897.)					(Term expires 1895.)

EX-OFFICIO.

The Mayor of the City.
The President of the Board of Education.
The President of the University of Minnesota.

STANDING COMMITTEES, 1891.

FINANCE—Messrs. Winston, Lowry and Ankeny.
BUILDING—Messrs. Atwater, Moore and Northrop.
LIBRARY—Messrs. Oftedal, Northrop and Goodrich.

MEMBERS OF THE LIBRARY BOARD.

From its Organization, April 21, 1885, with their Terms of Services.

ATWATER, JOHN B.	-	-	-	-	-	-	-	1885-
GOODRICH, A. M.	-	-	-	-	-	-	-	1890-
JOHNSON, E. M.	-	-	-	-	-	-	-	1885-90
KOON, M. B.	-	-	-	-	-	-	-	1885-90
LOWRY, THOMAS	-	-	-	-	-	-	-	1885-
MOORE, J. G.	-	-	-	-	-	-	-	1890-
OFTEDAL, SVEN	-	-	-	-	-	-	-	1885-
WALKER, T. B.	-	-	-	-	-	-	-	1885-

EX-OFFICIO.

The Mayor of the City:

PILLSBURY, GEO. A.	-	-	-	-	-	-	-	-
AMES, A. A.	.	.	.	.	.	.	.	.
BABB, E. C.	-	-	-	-	-	-	-	-
WINSTON, P. B.	-	-	-	-	-	-	-	-

The President of the Board of Education:

JOHNSON, J. W.	-	-	-	-	-	-	-	1885-86
OFTEDAL, SVEN	-	-	-	-	-	-	-	1886-88
AUSTIN, A. C.	-	-	-	-	-	-	-	1888-90
ANKENY, A. T.	-	-	-	-	-	-	-	1890-

The President of the University of Minnesota:

NORTHROP, CYRUS	-	-	-	-	-	-	1885-
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LIBRARY SERVICE.

LIBRARIAN.

HERBERT PUTNAM.

ATHENAEUM ASSISTANT LIBRARIAN.

MRS. M. C. NORTON.

GRATIA COUNTRYMAN	-	-	Head of Catalogue Department.
JOSEPHINE CLOUD	-	-	Head of Issue Department.

ASSISTANTS.

LINA BROWN,	CLARA LYNSKEY,	MIRIAM M. DAVIS,
JESSIE McMILLAN,	VENA DUNLAP,	LOUISE MONTGOMERY.
KR. HEIBERG,	JESSIE C. NORTON,	HELEN B. IVES,
KATHERINE PATTEN,	LOUISE I. LYNSKEY,	E. P. ROBERTS,
	LOIS M. SPEARE.	

PAGES.

JOHN FRALICK,	FRED. BATES,	ANDREW HEIBERG,
HANS BRATLIE,	GEO. HUTCHINSON,	EBEN MARTIN.

CHARLES CLAUDE	-	-	-	Reading Room Attendant.
LEWIS A. RUNGE	-	-	-	Janitor.
ELLA C. WALKER	-	-	-	Art Gallery.
F. VAN LIEW	-	-	-	Elevator.
J. S. HAWKINS	-	-	-	Delivery Wagon.

NORTH SIDE BRANCH.

MRS. B. A. HEYWOOD, Asst. in Charge. MAY MALLORY, Assistant.

FRANKLIN AVENUE BRANCH.

H. ASKELAND, Asst. in Charge. NINETTE BOYNTON, Assistant.
JOHN GJERTSEN, Page.

EAST SIDE BRANCH.

VICTOR NILSSON, Asst. in Charge. LILLIE M. MARTIN, Assistant.

ANNUAL REPORT
—OF THE—
LIBRARY BOARD.

THE LIBRARY BOARD
OF THE CITY OF MINNEAPOLIS. }
Jan. 15, 1892. }

To the Honorable Mayor and City Council of the City of Minneapolis:

GENTLEMEN—The Library Board of the city of Minneapolis herewith respectfully presents its report for the year 1891, being the second annual report since the opening of the Public Library.

Respectfully submitted,

T. B. WALKER, President.

J. G. MOORE, Secretary.

A. T. ANKENY.

J. B. ATWATER,

A. M. GOODRICH,

THOMAS LOWRY,

CYRUS NORTHROP,

SVEN OFTEDAL,

P. B. WINSTON,

Directors Minneapolis Library Board.

REPORT OF THE PRESIDENT.

To the Members of the Library Board:

GENTLEMEN—The report of the secretary presents a detailed account of the receipts and expenditures, and the librarian's report gives a review of the condition of the library and the circulation of books during the past year. These reports cover so nearly all the material facts that but little more need be said:

The extraordinary demand for books draws very heavily upon the means in the hands of the board for supplying it. In 1890 the number of books drawn was 202,932. In 1891 the number was 279,193—an increase of 76,261 or about 33 per cent.

This rapidly increasing use of the library and its branches renders it necessary to employ more help, rebind more books, and in other ways meet more expense bills. For the past year, however, the total operating expenses were about four per cent. less than for 1890, the bills for fuel, light, incidentals and supplies being less than for the previous year. The fuel bill was excessive in 1890 on account of a larger amount having been purchased than was consumed during the year, while for this year there was probably not as much paid for as used. This excess on the coal bill makes about the difference of the four per cent. decrease in expenses. The total operating or running expenses will likely increase with the circulation of books, but probably not quite in proportion, as some of the expenses will remain about stationary, and others increase in a lesser proportion.

The unusually large circulation of books is a showing of great credit to the literary and educational proclivities of the citizens. It is the largest percentage of books drawn from public libraries reported in any of the large cities excepting Boston, the literary hub. Let Minneapolis increase her showing until the educational Mecca takes a second place.

In 1890 the Library Board expended for books.....	\$11,760.18
The Athenaeum expended.....	13,991.70

With this there were purchased by the Library Board.....	7,827	volumes.
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By the Athenaeum.....	4,188	volumes.
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Add accessions by gift, etc.....	426	volumes.
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Making a total of.....	12,441	volumes.
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In 1891 the Library Board expended for books.....	\$ 9,390.65
The Athenaeum expended.....	3,500.00

With this there were purchased by the Library Board.....	4,489	volumes.
By the Athenaeum.....	1,118	volumes.
Added by gift, exchange, etc.....	928	volumes.

Making a total of.....	6,535	volumes.
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To keep pace with the growth of the city and the increasing demand for books, there should be expended annually ten to fifteen thousand dollars in addition to the annual purchases by the Athenaeum board, amounting to about \$10,000. And in order to accommodate this increase, the central library should be enlarged as early as 1893; but to accomplish this

it will be necessary for the board to levy the amount of taxes to which it is entitled. The effort made to secure the five-tenths levy was defeated by the board of tax levy, by which it was reduced to four-tenths of a mill. This decrease will make the income for this year a little less than for 1891. This reduction will render it impracticable to undertake the construction of the extra book room of the library, and will necessarily limit the expenditures on the branches.

As satisfactory sites for permanent branch libraries are becoming more expensive, it might be desirable and practicable for citizens to secure locations by contributions from people living or interested in the district of the city where branches should be located as indicated in a general way by the branches now temporarily established, with perhaps an additional one in the eighth ward; although it is uncertain as to when the board would be able to construct buildings on such lots if procured. In the construction of the central library building over \$50,000 was contributed by citizens, which would indicate that perhaps these various localities might secure funds enough to procure grounds while they are more available than they will be in the future.

The museum of the Academy of Science has been enlarged somewhat during the past year, and will receive quite material additions the present year from the expedition sent by Mr. Menage to the Phillipine Islands. Four large cases are being constructed for use in placing specimens from this collection, and these will hold but a fraction of those that have been received or are on the way.

Several valuable additions have been made to the collection of paintings in the gallery. The room now contains a creditable collection of original works of a high grade. The gallery and museum bring many visitors, both strangers and citizens, to the library.

The work of the board, from its establishment to the present time, in the construction of the building, location of branches and the management of its affairs, seems to meet with the general approval of the citizens. It is to be hoped that in the future it will be as successful in this respect as in the past, although our citizens must bear in mind that to furnish a great city with exceptionally fine library facilities and supply a large percentage of its residents with books will necessarily require a large expenditure of money. Still the utmost care should be used in keeping these expenditures within the closest limits practicable. Up to the present time there has been no money wasted, and but little more paid out than was absolutely necessary. It is to be hoped that the board of tax levy will not use its authority to reduce the levy for this year below the amount authorized in the charter, as the board will soon be unable to keep pace with the increasing demands and satisfy the requirements of the people for additional library accommodations without the full amount authorized by law.

T. B. WALKER, *President.*

MINNEAPOLIS, January, 1892.

REPORT OF THE SECRETARY.

MINNEAPOLIS, Minn., January 14, 1892.

The Honorable Library Board.

GENTLEMEN:—I beg to submit herewith a statement of the receipts and disbursements of the library board for the year ending Dec. 31, 1891.

The balance due on amount previously borrowed, \$17,000.00, was paid in June 1891.

The balance now in the hands of the treasurer to the credit of the board is \$11,121.32; in the hands of the librarian, \$141.81.

Respectfully submitted,

JOHN G. MOORE, *Secretary.*

LIBRARY FUND ACCOUNT.

Receipts and Disbursements of Library Board for the Year 1891.

BY RECEIPTS.	
Balance on hand January 1, 1891.....	\$25.31
Received from taxes.....	64,379.00
Received from penalties and interest.....	1,514.90
Received from individual subscriptions.....	400.00
Received from loans (bills payable).....	10,404.41
Received from librarian, cash received account.....	1,461.82
Received from K. Kortgaard, city treasurer (errors in pay roll)...	46.00
Received from interest refunded.....	6,450.00
Received from interest.....	95.59
Received from Minneapolis School Furn. Co. (error in bill).....	279.00
Total.....	\$85,056.21
TO DISBURSEMENTS.	
On account of building.....	\$549.39
On account of furniture.....	814.81
On account of furnishings.....	884.30
On account of supplies.....	1,600.66
On account of incidentals.....	1,244.12
On account of light.....	2,556.05
On account of fuel.....	1,487.28
On account of repairs.....	889.37
On account of printing.....	332.38
On account of binding.....	2,637.41
On account of insurance.....	153.75
On account of interest.....	5,410.71
On account of books.....	7,070.48
On account of periodicals.....	2,321.17
*On account of salaries.....	15,011.54
*On account of janitorial.....	3,464.45
On account of bills payable.....	27,500.00
To balance in city treasury, Jan. 1, 1892.....	11,121.32
Total.....	\$85,056.21

*Salaries and janitorial cover a period of 12 months, from January, 1891, to December of that year, inclusive. All other items in this statement cover a period of 13 months from December, 1890, to December, 1891, inclusive.

REPORT OF LIBRARIAN.

MINNEAPOLIS, MINN., January 15, 1892.

The Honorable, The Library Board.

GENTLEMEN:—I have the honor to present herewith the report of the librarian for the fiscal year, ending December 31st. 1891. It is my second annual report, the second also since the library was opened. The tables appended give in detail all the statistics of interest. I remark here only upon those of especial significance.

BOOKS.

The total number of volumes in the library, December 31st, 1890, by actual count was 42,002, of which 17,159 belonged to the city division; 24,928 to the Athenæum. The additions during the year according to the accession catalogues have been, city division, 5,417; Athenæum, 1,118. These, with the former total of 42,002, and deducting 213 volumes laid aside for exchange, and 324 volumes worn out, or lost and paid for would give 48,000 as the number at present in the library, or 49,100, counting in books laid aside for exchange. The count, which would naturally come once a year, has been postponed until next summer, as a quieter season and therefore one tending to greater accuracy. Included in the above totals, are the books placed in the branches. These now aggregate 3,332 volumes.

GIFTS.

The total of gifts during the year was, of bound volumes, 641. A full list of donors is appended.

CARDS.

The total number of applications for cards to date since the opening of the library, has exceeded 22,000. The number of cards actually issued to January 1st, 1892, was 20,126 of which 6,624 were issued during the year 1891. A new series of the cards began on December 17th, at the expiration of two years from the date of the certificate first filed under the first issue. The new certificates are to run for three years instead of two.

CIRCULATION.

The library was open for the issue of books during the year 1891, 309 days. The number of volumes taken out for home use was 279,193. (In 1890, the number was 202,932). The daily average issue was 903 volumes, largest issue in one day, 1,914, smallest issue, 438. Of the 279,193 volumes, 66,486 were issued through the branches. With relation to the half dozen other American libraries having the largest circulation, the Minneapolis library appears to rank sixth, and within 2,000 volumes, within one per cent., of ranking fifth. The six leading libraries with their respective circulation for the latest year for which statistics could be given, appear to be:

1. Chicago Public Library (1891) estimated	1,050,000
2. Boston Public Library (1890)	898,960
3. Enoch Pratt Library (Baltimore, 1890)	440,991
4. Newark Public Library (1891, estimated)	306,066
5. Cleveland Public Library (1890-91)	280,815
6. Minneapolis Public Library, 1891	279,193

It is to be noted that New York, Philadelphia, Brooklyn and St. Louis, have no one of them a free city library.

MEDICAL DEPARTMENT.

The subscriptions from individuals of the medical and dental professions supplied this year cover little beyond the dental periodicals. The balance of the list of medical journals was discontinued last May. It is the hope of the committee to secure subscriptions enough to renew at least a portion of the list for 1892.

BRANCHES.

On November 1st, 1891, a third branch library was opened, this time for the East Side. The statistics of its use for the past two months will be found with those of branches A and B, in the appendix.

BULLETINS.

The only addition to the list of printed catalogues of the library have been the bulletins, of which three have been issued during the year. The further necessities of the library in the matter of catalogues are adverted to below.

CONCLUDING REMARKS.

In my previous report I indicated certain problems concerning the development of the library, as being of most pressing importance. First, the compilation of the card catalogues; the establishment of delivery stations in addition to the branch libraries; the enlargement of each branch, at any rate into an independent circulating library; and finally, systematic co-operation with the public schools. The branches have already augmented their scope, and each is now in effect an independent circulating library, though a small one. Delivery stations will, doubtless, be found possible at slight expense during the coming year. The work with the schools, though not yet systematized, is being rapidly prepared for by the addition of multiple copies of books needed for illustration or collateral reading, and by the enlargement of the branches; and on their side, the teachers are gaining a necessary preliminary acquaintance with the reading habits of the pupils, by requiring a periodical statement of books read. The lists of books so submitted by the pupils have, I am told, improved very generally in quality during the past year. What share the library may have had in this improvement can only be vaguely guessed at. I had hoped, as time went on, to incorporate these teachers' and pupils' lists into some comparative statistics that would certainly have been of interest, and might have proved of educational value.

The card catalogue is still far behind. Beyond the entry of current accessions the force in the department has sufficed only to accomplish a fraction of the final author catalogue. The library has thus at present, apart from the finding lists, only a brief and not very accurate memorandum author catalogue of the books on hand January 1st, 1890, and a full author catalogue of the accessions since that time (20,000 of the 50,000 volumes). The catalogues by title entries should begin at once; and as soon as practicable, the subject catalogue proper. The finding lists have by means of the bulletins been kept up to date. But the additions since February, 1890, should be incorporated into a single printed supplement to the general finding list, and thereafter, instead of a revised general

list, there can be issued class lists, somewhat in the style of the fiction juvenile list issued a year ago.

The printing of anything more extended than such finding lists, which cost little and may be sold cheaply, would be for the present an indefensible extravagance. The library would outgrow such a catalogue before its final sheets could be issued from the press. But the card catalogues should be such as to lead an inquirer to his subject from whatever point he may approach. And even with the freedom of access permitted to our shelves, a full author, title, subject card catalogue is to be a necessity.

Circumstances are not to permit me in person to carry out any such plans for developing the efficiency of the library. I touch upon them only to pave the way for my successor.

I have been obliged, by personal and domestic reasons, to lay down the office of City Librarian, and have already formally signified this to the library board.

This report, therefore, concludes my official connection with the library. With submitting it I must repeat my cordial appreciation of the spirit and method of the board which have enabled my work to reach what effectiveness it has succeeded in reaching; and my cordial regret at the necessity which compels me to discontinue it.

Respectfully submitted,
HERBERT PUTNAM.

CASH ACCOUNT.

HERBERT PUTNAM, LIBRARIAN, IN ACCOUNT WITH LIBRARY BOARD.

1891.		Dr.	
Jan'y 1.	To balance on hand, as per statement.....	\$582.25	
	Balance due depositors.....	17.00	
	Deposits received.....	216.20	
	Fines received.....	1,053.15	
	Catalogues sold.....	248.67	
	Books sold.....	6.20	
	Books lost, paid for.....	47.31	
	Yearly subscriptions received.....	6.00	
	Packing cases sold.....	15.09	
	Received from Office and School Furnishing Co., on account.....	279.75	
1891.			Cr.
	By Deposits returned.....	\$212.20	
	Fines refunded.....	70	
	Theft from money drawer.....	5.00	
	Deposited with city treasurer.....	2,090.82	
	Balance due depositors.....	21.00	
	Balance.....	141.81	
		\$2,471.53	\$2,471.53
1892.			
Jan'y 1.	To Balance on hand, as above.....	\$141.81	
	Balance due depositors.....	21.00	

I hereby certify the above statement to be correct.

HERBERT PUTNAM, *Librarian*

Minneapolis, January 1st, 1892.

APPENDIX A.

BOOKS.

	1890.			Books added 1891.		Total 1891.		Grand total.	Branches.	Main library.	Per cent.
	Athenaeum.	City.	Total.	Athenaeum.	City.	Athenaeum.	City.				
Bibliography.....	404	53	450	19	60	423	115	538	14	524	1.12
Cyclopaedias.....	271	47	318	3	31	274	78	352	31	321	.73
General periodicals...	4,548	3	4,551	183	465	4,731	408	5,190	92	5,107	10.79
Newspapers.....	241	.....	241	12	84	253	84	337	25	312	.69
Collected works.....	701	241	1,032	55	22	846	263	1,109	55	1,054	2.88
History.....	3,567	1,228	4,793	120	274	3,687	1,502	5,189	400	4,789	11.76
Travel.....	1,562	786	2,346	76	165	1,638	951	2,589	130	2,459	5.38
Biography.....	2,111	867	2,975	35	336	2,146	1,203	3,349	158	3,191	6.82
Literature.....	934	549	1,481	12	126	946	675	1,621	117	1,504	3.52
Poetry.....	1,504	258	1,762	31	95	1,535	353	1,888	1,103	1,775	2.91
Physical science.....	484	159	643	6	47	490	206	696	21	675	1.44
Natural science.....	890	296	1,195	19	74	918	370	1,288	16	1,272	2.67
Medicine.....	284	1,408	1,692	50	95	343	1,503	1,846	.....	1,846	2.82
Useful arts.....	1,391	579	1,969	78	228	1,469	807	2,276	49	2,227	4.72
Fine arts.....	908	324	1,232	56	114	964	438	1,402	16	1,386	2.90
Philosophy, education	357	209	566	55	94	412	303	715	9	406	1.48
Polit. and soc'l science	435	519	954	53	230	488	749	1,237	30	1,207	2.58
Religion.....	965	451	1,416	9	425	974	876	1,850	53	1,797	3.85
Foreign languages.....	331	1,573	1,902	.....	1,191	331	2,764	3,095	1,142	1,953	6.43
Fiction.....	1,423	6,574	8,223	.....	597	1,423	7,471	8,484	857	7,713	17.98
Juveniles.....	.....	.....	.....	.....	311	.....	311	311	.....	311	.64
Government doc'ts.....	1,354	691	2,048	237	344	1,591	1,038	2,416	.....	2,416	5.45
Directories.....	164	40	204	.....	9	164	49	213	4	209	.44
Totals.....	34,928	17,159	42,002	1,118	5,417	36,046	22,576	*48,000	3,332	44,668	.....
Add duplicates, laid aside.....	.....	.....	.....	.....	.....	.....	.....	1,100	.....	.....	.....
Total.....	.....	.....	.....	.....	.....	.....	.....	49,100	.....	.....	.....

*48,324, less 324 volumes worn out and discarded.

APPENDIX B.
CIRCULATION BY MONTHS.

MONTHS.	Main Library.	Branches.	Total.
January.....	24,496	4,394	28,890
February.....	20,083	5,574	25,657
March.....	21,042	6,324	27,366
April.....	18,535	5,664	24,199
May.....	18,036	5,839	23,875
June.....	13,584	4,064	17,648
July.....	13,342	3,736	17,078
August.....	17,215	4,835	22,050
September.....	13,076	3,748	16,824
October.....	19,514	5,890	25,404
November.....	15,698	6,924	22,622
December.....	18,086	9,464	27,550
Total.....	212,707	66,486	279,193

APPENDIX C.
CLASSIFIED CIRCULATION, 1891.

CLASS.	Main library.	Branches.	Total.	Per cent.
History and biography.....	19,121	3,868	22,989	8.25
Travels and description.....	8,011	1,922	9,933	3.57
Literature, miscellaneous, poetry and drama.....	6,556	973	7,529	2.69
Physical and natural sciences.....	3,317	547	3,864	1.40
Medicine and practical arts.....	3,390	519	3,909	1.39
Fine arts, education, pol. and soc. sci., religion.....	9,492	989	10,481	3.75
Fiction.....	118,208	25,504	143,712	51.52
Juveniles.....	38,165	18,449	56,614	20.29
Foreign languages.....	5,232	13,715	18,947	6.76
Unclassified.....	1,075	.....	1,075	.38
Total.....	212,707	66,486	279,193	.....
Serials.....	6,204	2,595	8,799	.....

APPENDIX D.
CENTRAL LIBRARY—CLASSIFIED CIRCULATION BY MONTHS.

CLASS.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
History and biography.....	2,030	1,972	2,130	1,903	1,566	917	920	1,181	1,184	2,104	1,652	1,673	19,121
Travels and description.....	947	930	933	711	614	430	278	442	276	624	626	1,039	8,011
Literature, miscellaneous, poetry, drama.....	685	660	660	541	565	307	314	463	467	726	631	644	6,556
Physical and natural science.....	336	306	316	306	310	157	149	178	170	286	168	163	3,307
Medicine, practical arts.....	324	324	327	274	272	177	223	348	104	317	269	323	3,300
Fine arts, education, pol. and soc. science, religion.....	1,066	971	973	822	786	544	631	658	538	632	756	976	8,492
Foreign languages.....	1,115	974	543	434	400	273	236	348	280	477	278	304	8,232
Fiction.....	12,798	10,441	11,560	10,322	10,389	8,424	8,132	10,348	7,531	10,771	8,376	9,186	118,238
Juveniles.....	4,962	3,865	3,625	3,244	3,077	3,250	2,453	3,571	2,244	3,218	2,700	3,156	38,166
Unclassified.....	153	91	86	46	88	75	76	60	91	83	132	112	1,075
Total.....	24,496	20,033	21,042	18,536	18,038	13,584	13,342	17,215	13,076	19,514	15,668	18,086	212,707
Serials.....	406	478	568	438	507	454	426	549	507	706	530	680	6,304

APPENDIX E.
NORTH SIDE BRANCH—CLASSIFIED CIRCULATION BY MONTHS.

CLASS.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
History and biography.....	87	197	179	170	105	72	78	65	63	190	178	272	1,656
Travels and description.....	36	55	57	36	62	31	21	38	44	77	100	198	732
Literature, miscellaneous, poetry and drama.....	32	18	27	19	31	17	22	22	33	63	58	72	414
Physical and natural science.....	12	20	21	11	16	5	.....	11	10	26	26	36	194
Medicine, practical arts.....	25	28	30	18	17	11	.....	4	4	13	10	13	175
Fine arts, education, pol. and soc. sci., religion.....	43	38	36	50	40	22	19	34	23	32	43	53	433
Foreign languages.....	79	100	85	64	74	54	42	38	23	44	49	62	704
Fiction.....	682	814	881	925	1,054	829	817	1,033	778	1,063	777	932	10,042
Juveniles.....	601	719	912	848	1,003	564	438	685	462	724	563	826	8,345
Total.....	1,607	1,960	2,228	2,108	2,302	1,605	1,430	1,927	1,440	2,232	1,804	2,374	23,215
Serials.....	.....	140	153	117	98	98	65	51	73	120	150	106	1,176

APPENDIX F.
FRANKLIN AVENUE BRANCH—CLASSIFIED CIRCULATION BY MONTHS.

CLASS.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
History and biography.....	116	122	157	122	132	100	63	64	97	146	240	252	1661
Travels and description.....	53	76	60	49	51	50	40	56	79	140	131	162	947
Literature, miscellaneous, poetry and drama.....	28	18	19	15	12	10	28	17	35	96	90	92	458
Physical and natural sciences.....	16	14	21	28	15	6	7	4	2	37	24	21	195
Medicine, practical arts.....	35	31	32	26	31	30	20	20	14	9	15	19	282
Fine arts, education, pol. and soc. science, religion.....	57	44	58	30	35	27	31	30	24	38	86	67	495
Foreign languages.....	654	1,358	1,532	1,298	1,125	825	850	1,024	792	1,009	901	1,314	12,762
Fiction.....	1,006	1,069	1,210	1,073	1,266	941	875	1,068	822	1,211	1,086	1,163	12,462
Juveniles.....	800	853	1,007	876	870	490	385	546	443	882	973	1,111	9,235
Total.....	2,787	3,595	4,006	3,406	3,537	2,479	2,207	2,908	2,308	3,658	3,536	4,201	39,888
Serials.....	.....	280	274	146	100	74	60	36	85	102	78	98	1,221

APPENDIX G.

EAST SIDE BRANCH—CLASSIFIED CIRCULATION BY MONTHS.

CLASS.	November.	December.	Total.
History and biography.....	221	330	551
Travels and description.....	107	116	223
Literature, miscel. poetry and drama.....	34	68	101
Physical and natural science.....	56	102	158
Medicine, practical arts.....	27	35	62
Fine arts, education, pol. & soc. sci., religion.....	31	30	61
Foreign languages.....	55	194	240
Fiction.....	745	1,285	2,000
Juveniles.....	329	649	978
Total.....	1,501	2,789	4,363
Serials.....	66	132	198

APPENDIX H.

SUMMARY OF STATISTICS, 1891.

	Ath.	City.	Total.
Books in library, Jan. 1, 1891 (net).....			*42,002
Accessions by gift.....	224	417	641
Accessions by purchase.....	668	4,489	5,157
Accessions by binding.....	226	481	707
Accessions by exchange.....		30	30
Worn out and discarded.....	86	184	270
Sold or exchanged.....			41
Reported lost 1890, returned 1891.....			1
Lost and paid for.....	10	39	49
Lost and not paid for.....		5	5
Duplicates laid aside for exchange.....			1,100
Net accessions, 1891.....	1,118	5,417	6,535
Books in library, 1892.....			48,000
Books added North Side branch.....			470
Books added Franklin Avenue branch.....			1,310
Books added East Side branch.....			435
Total in branches, Jan. 1, 1892.....			3,332
Total in main library, Jan. 1, 1892.....			44,668
Total cards issued to Jan. 1, 1892.....			20,126
Cards issued 1891.....			6,624
Library opened for circulation (days).....			309
Books issued main library, Jan. 1.-Dec. 31, 1891.....			212,707
Books issued North Side branch, 1891.....			23,215
Books issued Franklin Avenue branch, 1891.....			36,888
Books issued East Side branch, Nov. 2.-Dec. 31, 1891.....			4,883
Total books issued, Jan. 1.-Dec. 31, 1891.....			279,198
Daily average Central library.....			688
Daily average North Side branch.....			75
Daily average Franklin Avenue branch.....			125
Daily average East Side branch (50 days).....			87
Total daily average.....			908
Largest issue in one day.....			1,914
Smallest issue in one day.....			434
Periodicals issued, 1891.....			8,790
Books bound, 1891.....			3,385
Binding, cost.....			\$2,637 41
Periodicals on file, Central reading room.....			205
Periodicals on file, Medical reading room.....			431
Total periodicals on file, Central library.....			236
Newspapers on file, Central library.....			51
Amount received from taxes.....			\$64,379 09
Amount received from Spencer trustees.....			\$2,500 00
Amount received from fines.....			\$1,053 15
Amount spent for books.....	\$2,693 98	\$7,070 48	\$9,764 46
Amount spent for periodicals.....	\$261 73	\$2,320 17	\$2,581 90
Amount paid for salaries, Central library.....			\$11,954 99
Amount paid for salaries, Branches.....			\$3,056 55
Amount paid janitorial, Central library.....			\$3,084 45
Amount paid janitorial, Branches.....			\$380 00
Total amount for salaries and janitorial, 1891.....			\$18,475 99

*Deduct 213 books withdrawn since last count. +Ja. Je. 46 were taken. †Includes \$610.00 for delivery wagon.

APPENDIX I.
LIST OF DONORS.

	VOLS.	PPH
Alleghany, Pa.	1	
Althouse, Mrs. R. A.	1	
American bar association		1
American historical association		1
American institute of phrenology		1
American society of microscopists		1
Amherst college		1
Anoka (Minn.) Herald (year's subscription)		1
Babcock, Franklin		1
Baltimore council	221	
Barrett, J. O.		20
Bellamy, Edward		22
Bigelow, Major John	1	1
Boston City Messenger	68	
Boston public library		1
Bowdoin college		1
Brainerd (Minn.) Tribune (years subscription)		1
Bray, N. J.		2
Bridgeport public library		
Brooklyn city council	1	
Brooklyn library		3
Brown, John O.		15
Buffalo merchants exchange		1
Buffalo council	1	
Buffalo public library		1
Burlington board of trade		1
California bureau of mining (10 maps)		1
California state library	1	
Cambridge public library	1	1
Cambridge (England) free library		1
Carnegie free library	1	
Carter, L. O.	2	
Cassedy, Dr. F. F. (year subscription to periodical)		
Chicago board of trade	16	
Chicago council	6	4
Chicago Norden (year's subscription)		
Chicago public library		24
Chicago World's Fair		1
Cleveland public library		1
Climatologist		1
Cole, C. C. (odd numbers of papers)		
Coleman, Mrs. Lucretia	1	
Colorado college and Outlar academy		1
Colorado superintendent of public instruction		1
Columbus public school library		1
Cornell university		1
Cornell university library		2
Crary, F. E.	5	
Cressey, Edward		13
Cross, Rev. F. T.	2	
Davenport academy of natural science	3	
Dayton public library		2
DeForest, E.	1	
Denver city engineer		1
Denver public library		8
Detroit council	2	
Douglas county (Minn.) News (year's subscription)		
Duluth Daily News (year's subscription)		
Earth Publishing company		1
Enoch Pratt free library		2
Evans, Charles		2
Evening News Association		1
Excelsior Publishing House	1	
Fergus Falls (Minn.) Journal (year's subscription)		
Fletcher free library		3
Francis, Joseph	1	6
Friends religious society		1
Gale, S. C.	1	
Gates, Miss A.	6	
Giles, Alfred E.	24	
Gimmel, Dr. J. E.	1	
Goldsbury, J.	1	
Great Falls Leader		1
Green, S. S.		1
Hartford seminary		7
Harvard university		6
Harvard university library		6
Haven, C. D.	16	
Hemslup, Judge N. H.	74	29
Hemslup, Mrs. M. R.	1	
Heslop, W. H.	1	
Holbrook, Rufus	1	
Hosmer, J. K.		1
Howard memorial library		1
Hudson, Horace B.		1

APPENDIX I—Continued.

	VOLS.	PPH
Illinois bureau of labor	2	
Indiana bureau of labor		8
Indiana bureau of statistics	1	
Indianapolis public library		1
Jersey City public library		4
John Hopkins University		10
Kansas academy of sciences	1	
Kansas agricultural college	1	8
Kansas board of agriculture	1	
Kansas historical society		1
Keyes, Mrs. C. W.		1
Laing, R. W.		1
Leonard, F.	1	
Lewis, T. H.		1
Litchfield (Minn.) News-Ledger (year's subscription)		
Lochren, Judge W.	2	
Los Angeles public library		3
Lynn public library		1
Macalaster college		5
McMurry, C. A.	2	
Malden public library		1
Manchester public library	1	1
Massachusetts, bureau of statistics of labor	12	18
Massachusetts, institute of technology		2
Massachusetts state board of health (gift to Athenaeum)	3	1
Menomonie, Wis., memorial free library		1
Merriam, A. B.		1
Minneapolis bar association	11	
Minneapolis board of trade		80
Minneapolis, First Congregational church		3
Minneapolis council	47	6
Minneapolis Evening Journal (year's subscription)		
Minneapolis Evening Tribune (year's subscription)		
Minneapolis realty company		100
Minneapolis Times (year's subscription)		
Minneapolis Tribune (year's subscription)		
Michigan board of health	1	5
Michigan state library	9	
Michigan university library		1
Miller, Chester Gore	1	
Mills, Dr. Chas. K.	1	
Milwaukee board of trade		1
Milwaukee council	2	8
Milwaukee public library		18
Minnesota, bureau of labor	15	27
Minnesota, dairy and food commission		1
Minnesota, geology and natural history survey	12	10
Minnesota, historical society	7	29
Minnesota, normal school		1
Minnesota, railroad and warehouse commission	1	
Minnesota, superintendent of public instruction	1	
Morrison library	1	
Montreal Weekly Gazette (year's subscription)		
Morton, Miss.	7	
Nebraska historical society		1
New Bedford board of trade	1	
Newberry library		1
Newark, N. J., public library		8
New Haven public library		2
New Jersey state library	2	
New York bureau of statistics of labor		4
New York children's aid society		1
New York forest commission (gift to Athenaeum)	1	
New York state library	2	
New York Y. M. C. A.		1
Nilson, Victor	1	29
Nineteenth Century Press		1
Northwestern Railroader		1
Northwestern university		1
Ohio meteorological bureau		1
Ohio state library		1
Omaha board of trade	1	
Omaha council	2	1
Oregon agricultural station		10
Outing company		1
Peabody institute		1
Peck, A. L.		
Perkins, W. L.		1
Philadelphia, council	4	1
Philadelphia, library company		2
Philadelphia, Mercantile library		2
Pierce, Dr. R. V.	2	
Pillsbury academy		1
Pioneer Fuel company	1	
Pools, W. F.		1

APPENDIX I—Continued.

	VOIS.	PPH
Portland (Me.) public library	2	5
Pratt Institute		2
Pratt, Lucy M.	1	
Providence public library		1
Providence, council	5	
Ramsey, N. W.	1	
Rasmussen, O. Publishing Co.	1	
Red Wing council		1
Red Wing Daily Republican (year's subscription)		
Red Wing Journal, year's subscription		
Redwood library and atheneum		1
Religio-Philosophical Journal	1	
Reynolds library		1
Robinson, Harry P.		1
Royal geological society		1
Royal society of Canada	1	
Rust, Mrs. C. P.	2	
Scott county (Minn.) Argus, year's subscription		
St. Joseph public library		2
St. Louis board of trade	1	11
St. Louis merchants library		1
St. Louis public library		1
St. Louis working girls' free public library		1
St. Paul council	3	3
St. Paul Dispatch, year's subscription		
St. Paul Globe, year's subscription		
St. Paul News, year's subscription		
St. Paul Pioneer Press, year's subscription		
St. Paul public library		1
Salem public library		8
Salem Press publishing and printing Co.		2
San Francisco public library		2
Sawin, Jas. M.		1
Shutter, Rev. M. D.	2	
Simms, Dr. Jos.		2
Smith, G. W.	1	
Smith, G. S.	1	
Springfield public library		12
Springfield library association		4
Swift, M. I.	1	
Thomas Crane public library		1
Toledo public library		1
Torrey, M. D.	1	
Toronto public library	1	1
Tower Publishing Company	1	
Trinity College		2
Trumble, Alfred		1
Tufts library		2
Tweeddale, Col. William		1
United States agricultural department	2	
United States bureau of American republics		4
United States bureau of education		3
United States bureau of labor	3	
United States coast and geodetic survey	5	2
United States commissioner of fisheries	2	1
United States commissioner of interstate commerce	1	
United States interior department	10	1
United States national museum	1	
United States senate	13	2
United States Smithsonian Institute	15	9
United States state department	1	23
United States superintendent of census		150
United States treasury department	3	20
United States war department	19	1
University extension		1
University of Chicago		2
University of Virginia		2
Unknown	2	1
Upham, Warren		1
Vermont university		1
Wagner, F. E.	1	
Waltham (Mass.) public library		1
Warder public library	1	
Waters, E. S., two boxes of newspapers		
Waterhouse, S.		2
Waterbury library	1	
Watertown (Conn.) public library		1
Webb, William Seward	1	
Wells, Mrs. T. B.	4	
Wesleyan university		1
Williams, J. F.		3
Wisconsin historical society		1
Worcester public library		1
World's Fair commission		9
Yale university		2
Y. P. S. C. E. society of Andrew church, year's subscription to 2 papers		

TEXT OF ACT CREATING LIBRARY BOARD. 1885.

AN ACT TO AMEND THE CHARTER OF THE CITY OF MINNEAPOLIS.

Be it Enacted by the Legislature of the State of Minnesota:

SECTION. 1. An act entitled "an act to amend and consolidate the charter of the city of Minneapolis," approved March 8, 1881, is hereby amended by adding to the end of such act the following: Chapter 12, section 1, there is hereby created and established in and for the city of Minneapolis a board which shall be styled the "library board of the city of Minneapolis," said board shall have power to establish and maintain in the city of Minneapolis public libraries and reading rooms, galleries of art and museums for the use and benefit of the inhabitants of said city, and for the purpose of so doing it shall have the following powers, that is to say: It may adopt a common seal and be capable of suing and being sued, and of taking by gift, grant, purchase, devise, bequeath or otherwise, any real or personal property and of using, selling, controlling, conveying and engaging the same and of entering into, making, performing and enforcing contracts. It may make and publish from time to time by-laws for its own guidance, rules and regulations for the government of its agents, servants and employes and for the government and regulation of the libraries and other collections under its control. It may hire or erect and maintain as it shall deem best, buildings suitable for the purpose contemplated by this act, but it shall never erect any buildings upon land to which it has not the title in fee simple. It may appoint all necessary agents and employes, fix their compensation, and may remove such appointees. It shall have the expenditure of all moneys collected by taxation or otherwise and placed to the credit of the library fund, and shall, in addition to the herein enumerated powers, have full powers and authority to undertake and perform every act necessary or proper to carry out the spirit and intent of this act.

SEC. 2. Said library board shall consist of the mayor of the city of Minneapolis, the president of the board of education of the city of Minneapolis, the president of the university of the state of Minnesota, who shall respectively be members *ex officio* thereof, and six other members who shall be elected from time to time, as herein provided, by the legal voters of the city of Minneapolis, and who shall be resident and qualified electors of said city.

At the annual city election to be held on the first Tuesday of April, 1886, there shall be elected two library directors for the term of six years, and thereafter there shall every second year be elected two library directors for the term of six years from the third Tuesday in April after their election. In case any library director shall die, resign, remove from the district or otherwise vacate his office for more than one year before the expiration of his term of office, a library director may be chosen at the annual election after such vacancy shall occur, to fill the place for the unexpired term of the director so vacating.

SEC. 3. All elections for library directors shall be at the annual city election, and as a part of such city election, and such library directors shall be voted for upon a separate ballot, and a separate ballot-box shall be provided at each precinct, which shall be kept by the judges to receive the ballots of such persons as are entitled to vote for such library directors. The judges of elections shall make returns of the votes cast for library directors, and the city council shall canvass the same as in the case of city officers. The city clerk shall forthwith notify the persons elected of their election, and in all matters not herein specially provided for, touching such election, the rules provided for the election of city officers of said city shall apply.

SEC. 4. Every library director, before he shall enter upon the duties of his office, shall take, subscribe and file in the office of the city clerk of said city an oath or affirmation that he will support the constitution and laws of the state of Minnesota, and discharge the duties of his office to the best of his ability. The officers of the library board of the city of Minneapolis shall consist of a president and secretary, who shall be library directors. The city treasurer shall be treasurer of the board, and the comptroller shall perform such duties in connection therewith as are hereinafter prescribed. The secretary of the board and the city treasurer of the city of Minneapolis shall each, before entering upon the duties of his office, execute and deliver to the library board of the city of Minneapolis, a good and sufficient bond, payable to the library board of the city of Minneapolis, in such sums as shall be fixed upon by the board, and with sureties who shall be freeholders of said city and shall be approved by the board, and who shall justify in the aggregate to double the amount of the bond, conditioned that the principal in the bond shall well and faithfully perform and discharge all the duties of his office and pay and turn over to his successor to whomsoever the board may direct, all moneys and every valuable thing which shall come into his hands by virtue of his office belonging to said board. Such bonds shall be filed for safe keeping with the city comptroller of the city of Minneapolis.

SEC. 5. The president, or in his absence a president *pro tempore*, shall preside at all the meetings of the board and sign all orders on the treasurer for all moneys voted to be paid, and shall perform all duties necessary for the transaction of the business of

the board, and which are usually performed by the president of a corporation. The secretary, or in his absence the secretary *pro tempore*, shall keep a full and fair record of all the proceedings of the board at its meetings, and shall draw and attest all orders drawn upon the treasurer, and keep a record thereof showing the date, numbers, amount, purpose for which drawn, and names and payee of each order separately. All such orders shall be made payable to the order of the payee therein named, and shall not be paid without his indorsement, either personally or by his authorized agent or attorney. The secretary shall perform such other duties as are usually performed by such officer or as may be directed by the board, and shall draw no order on the treasurer except such as have been allowed by the board by a majority vote of all its members taken by ayes and nays and entered on the record of the proceedings of the board. The city comptroller shall keep the regular books of account of the board, in which he shall enter all indebtedness of such board and which shall at all times show the precise financial condition of said board, the amount of bonds, orders, or other evidences of indebtedness outstanding and the redemption of the same when redeemed, and shall countersign all bonds, orders or other evidences of said board, and keep an exact account thereof, showing to whom and for what purpose issued and the amount of each, and all moneys received or paid out by the city treasurer on account of said board. All claims allowed by the board shall be audited by the city comptroller. The city treasurer shall receive and safely keep all moneys of the board and pay the same out only upon orders signed by the president and attested by the secretary of the board and countersigned by the comptroller and endorsed by the payee, and shall keep full books, records and vouchers of all his transactions. He shall deposit the moneys of said board as the moneys of the city of Minneapolis, in any banks which shall be designated by the city council of said city as depositories of funds of said city, and the funds, while on deposit in such bank shall, for all purposes connected with such deposit, be regarded as the money of the city of Minneapolis, and may be recovered as such by said city from said banks and the sureties of such banks, upon the bonds said banks which shall execute to the said city, but when drawn or recovered from such banks shall be accounted for to its proper fund. And the treasurer shall have the same exemption respecting such funds deposited in such banks as in respect to other funds of said city. The secretary of the board is hereby forbidden from signing or issuing any orders upon the treasurer of said board, except when there is money in the hands of the treasurer to pay the same. The said board shall never issue any bonds or promissory notes, certificates of indebtedness or other obligation, for the payment of money, except that the same shall be made to come due at a date not later than the first day of July the next ensuing, and then for no greater sum than can be paid, when due, out of the regular revenues of the board for the year in which such bond, note, certificate of indebtedness, or of other obligation indebtedness is issued.

SEC. 6. Said library board is hereby authorized and empowered to levy upon the taxable property of said city in each and every year such taxes as will raise sufficient sums of money as will be required during the succeeding year for the establishment, maintenance and government of the libraries and collections contemplated by this act, and for the payment of all other expenses properly incidental to the same, provided that the aggregate annual levy of such taxes shall never exceed in any one year one-half of one mill on the dollar upon the assessed valuation of said district. The board shall make a return of its annual levy of taxes on or before the first day of November of every year to the county auditor of the county of Hennepin, and such taxes shall be collected and the payment thereof enforced with and in like manner as state and county taxes are collected and the payment thereof enforced, and when collected, together with all costs, interest and penalties collected thereon to be paid over by the county treasurer to the city treasurer of the city of Minneapolis as often as said county treasurer is required to make settlement with the city treasurer in respect to city taxes. Provided, however, that if for any reason said board shall in any year fail to make return of its annual levy of taxes to the county auditor by the time herein specified, that in such case the rate of taxation determined and fixed by the board of tax levy of Hennepin county as the maximum rate which said library board shall levy for such year, shall be taken to be the rate of taxation determined upon by said library board for such year, and the county auditor shall govern himself accordingly; and any taxes which shall hereafter be extended upon the tax list of Hennepin county by the county auditor of said county based upon the action of the board of tax levy, said library board having for any reason failed to make a return as herein provided, shall be and remain legal and valid.

SEC. 7. Said library board may purchase real estate for the purposes contemplated by this act whenever six library directors shall vote to make such purchase, and the board may also sell and convey any of its real estate, but only when five of the library directors shall vote to make such sale. In the case of sale of real estate by the board, the deed of conveyance thereof may be executed by the president and secretary officially, having the seal of the board affixed thereto. All votes under this section shall be by ayes and nays, and recorded in the record of the proceedings of the board. Any person desiring to make donations of money, personal property or real estate for any of the purposes herein contemplated shall have the right to vest the title to the money, property or real estate so donated in the board of directors created under this act, to be held and controlled by such board when accepted, according to the terms of the deed, gift, devise or bequest of such property, and as to such property, the board shall be held and considered to be special trustees.

SEC. 8. The annual meeting of the board for the election of officers for the year shall always be on the third Tuesday of April, at such hour and place as the board may, by its rules, adopt for its regular meetings. But vacancies may be filled whenever they shall happen during the year, and officers shall hold until their successors are elected and qualified, unless they cease to be eligible. The regular meetings of the board shall be fixed by its rules and by-laws. Special meetings may be called by the president or any two library directors by written notice, stating the time, place and object of the meeting, to be served personally or by mail at least twenty-four hours before such meeting. But when a majority of all the directors are present at

any meeting the same shall be a legal meeting at which any business which could come before a regular meeting may be transacted, irrespective of whether any legal notice was given of such meeting or not.

SEC. 9. Said library board may enter into association with any independent society or other organization owning libraries or museums, or existing for purposes kindred to those contemplated in this act, upon such terms and conditions as shall best promote the object for which said board is created.

SEC. 10. All libraries and museums established under this act, and so far as consistent with the preceding sections, all collections in any manner under the charge of the library board herein established, shall be forever free to the inhabitants of the city of Minneapolis, always subject, however, to such reasonable rules and regulations as shall be necessary for their effective administration.

SEC. 11. That Thomas Lowry, M. B. Koon, John B. Atwater, Sven Oftedal, T. B. Walker, E. M. Johnson, together with the mayor of the city, ex-officio, the president of the board of education of the city, ex-officio, the president of the university of the state of Minnesota, ex-officio, are hereby appointed and constituted the first directors of the library board of the city of Minneapolis, and the six first above named shall be the elective members of said board, and shall hold office, two for one year, two for three years, and two for five years from the third Tuesday of April next following the passage of this act; and at their first regular meeting shall cast lots for such respective terms. The library board herein appointed shall meet at the office of the city clerk of the city of Minneapolis, on Saturday, the 21st day of March, 1885, or as soon thereafter as practicable, and may then and there effect a temporary organization and attend to the transaction of any business.

SEC. 12. This act shall take effect and be in force from and after its passage.
Approved the 2d day of March, 1885.

TEXT OF CONTRACT BETWEEN THE LIBRARY BOARD AND
THE MINNEAPOLIS ATHENÆUM,
1885.

Whereas, The library board of the city of Minneapolis is about to erect a library building in the city of Minneapolis in accordance with the provisions of the act of the legislature of the state of Minnesota creating said library board, (which said act was approved March 2d, A. D. 1885), and for the purpose in said act prescribed, and

Whereas, The said library board is desirous of furnishing the people of Minneapolis with a public library as soon as practicable, and

Whereas, The Minneapolis Athenæum, a corporation duly organized and created under the laws of the state of Minnesota, owns a large and valuable miscellaneous library, and

Whereas, The building now occupied by the said Minneapolis Athenæum is too small for the convenient arrangement and management of said library and therefore the said library is not accomplishing in the community all that the members of the said Athenæum desire it to do, and

Whereas, The funds and resources of the said Minneapolis Athenæum are not sufficient to provide suitable room and accommodations for said library;

Now, therefore, this contract, made this first day of September, A. D. 1885, between the said "The Minneapolis Athenæum," a corporation, party of the first part, and the said "library board of the city of Minneapolis," party of the second part, witnesseth that the said parties hereto, in consideration of the mutual promises and engagements hereinafter contained, and in consideration of the sum of one dollar paid by each to the other, the receipt whereof is hereby acknowledged, do mutually covenant and agree together as follows, to-wit:

First. That upon the completion of a suitable library building, to be erected by said second party in said city of Minneapolis (which said building is to be erected and made ready for occupancy as soon as practicable), the said first party will remove thereto its entire library, including all books, pamphlets, periodicals, maps, charts, and all its library property of every name and nature, and that said library shall remain in said building and under the general care and supervision of said second party during the continuance of this contract, and that during said time all books, periodicals and other library property which may be acquired by the said Minneapolis Athenæum by purchase or otherwise, shall remain and be kept in the said library building and under the general management of the said library board of the city of Minneapolis.

Second. That the said library shall be forever free to the inhabitants of the city of Minneapolis, always subject, however, to such reasonable rules and regulations as shall be necessary for its effective administration.

Third. That the said first party will subscribe and pay to the building fund of the said second party the sum of eight thousand dollars (\$8,000), which said sum is to apply on the general subscription contemplated in section 3 of the act approved February 28, A. D. 1885, authorizing the city of Minneapolis to issue bonds for the benefit of the said library board.

Fourth. That upon the completion of said library building the said second party will at all times during the continuance of this contract provide and furnish therein, for the said first party, sufficient room or rooms, well lighted and heated, and furnished with shelves and all other appurtenances for the ample and convenient arrangement and use of the aforesaid library of first party, and that said second party will also provide and furnish for the use of said first party, a suitable room in said building for the purpose of holding the meetings of the shareholders of the said Minneapolis Athenæum, and of the board of directors and of the other officers thereof, and that the above mentioned room or rooms, and all the privileges of said building herein granted to the said first party, shall be provided by said second party without any charges for the rent and use thereof, and that the said first party shall at no time be put to any charge or expense for the furnishing, lighting, heating, ventilation or repairs of said library building nor any part thereof.

Fifth. That the board of directors of the said Minneapolis Athenæum shall have the right to appoint, subject to the approval of the second party, one assistant librarian, who shall have special supervision and care of the said property of the Minneapolis Athenæum, and that the duties of the said assistant librarian in his relation to the said Minneapolis Athenæum shall be such as the board of directors of the said Athenæum shall prescribe.

Sixth. That the party of the first part herein shall retain its title to and property in all the books and other library property which may be placed in charge of the said library board, by virtue of this contract, or otherwise. That all said books shall be kept apart and separate from the books and property of the said library board, and

from any other books whatsoever. That the books of the Minneapolis Athenæum shall be plainly and distinctly marked in such a manner as to distinguish them from all other books under the control of said library board. That the said books of the Minneapolis Athenæum shall be kept in good repair, shall be re-bound when necessary, when books are lost they shall be replaced; and whatever periodicals, magazines and unbound publications the Minneapolis Athenæum may have on hand or may hereafter acquire, shall be bound in some convenient form, and that reasonable care shall be taken of all the property of the Minneapolis Athenæum, which shall be placed in charge of the library board. And that during the continuance of this contract the said library board shall keep the said property of the Minneapolis Athenæum continually insured against loss by fire, in good and reliable companies, in the name and for the benefit of the first party in such sum as said first party or the board of directors thereof may determine, not exceeding the actual cash value of the said property.

Seventh. That the said party of the second part will bear all the expense of carrying out this contract; that it, the said second party, will pay:

1. For the removing the said library to the building above mentioned.
2. The expense of marking and cataloguing the same.
3. The salary of the assistant librarian provided for in this agreement.
4. All expenses incurred in carrying out the provisions of paragraph six herein, to-wit: Keeping said library in repair, re-binding and caring for books, replacing lost books, binding periodicals, magazines and unbound publications, all premiums for insuring said property, and in short, that it, the said second party, will pay all necessary and reasonable expense incurred in the proper care and management of the library of said party of the first part.

Eighth. That this contract shall take effect and be in force when it shall have been ratified and adopted by the said library board of the city of Minneapolis and by the said Minneapolis Athenæum, and shall continue and be in force for a period of ninety-nine years from the date of its said ratification.

ANNUAL REPORT
BOARD OF PARK COMMISSIONERS.
1891.

BOARD OF PARK COMMISSIONERS.

OFFICERS, 1891.

ANDREW C. HAUGAN,	-	-	-	-	-	-	President.
BALDWIN BROWN,	-	-	-	-	-	-	Vice President.
WALLACE G. NYE,	-	-	-	-	-	-	Secretary.
K. KORTGAARD,	-	-	-	-	-	-	Treasurer.
C. J. ROCKWOOD,	-	-	-	-	-	-	Attorney.
W. M. BERRY,	-	-	-	-	-	-	Superintendent.
F. H. NUTTER,	-	-	-	-	-	-	Engineer.

PARK COMMISSIONERS, 1891.

Terms Expiring 1893.

ALBERT E. ALLEN,	ZEPHERIN DEMEULES.
ALBERT J. BOARDMAN,	JAMES W. LAWRENCE.

Terms Expiring 1895.

WILLIAM W. FOLWELL.	JESSE E. NORTHRUP.
ANDREW C. HAUGAN.	J. ARTHUR RIDGWAY.

Terms Expiring 1897.

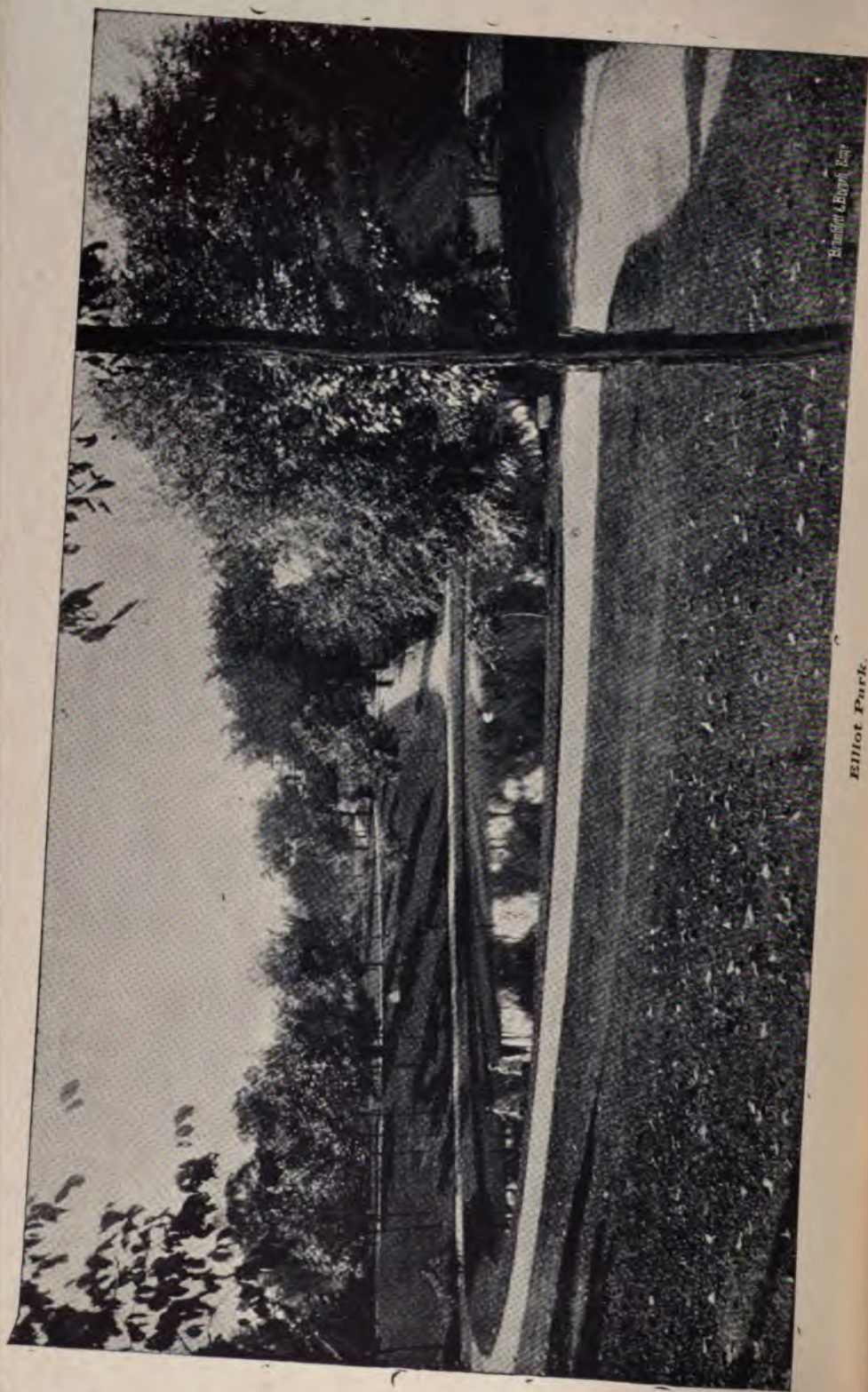
BALDWIN BROWN,	PATRICK RYAN,
HERMAN J. DAHN,	JACOB STOLT,

Ex-Officio.

PHILLIP B. WINSTON,
Mayor.

JAMES H. BRADISH,
Chairman Council Committee on Roads and Bridges.

SAMUEL B. LOYE,
Chairman Council Committee on Public Grounds and Buildings



Elliot Park.

Grandview Lodge, Eng.

NINTH ANNUAL REPORT
OF THE
BOARD OF PARK COMMISSIONERS.

ORGANIZATION.

At the annual meeting of the board, held January 17th, an organization was affected by the election of Hon. A. C. Haugan, vice-president, and W. G. Nye, secretary, the office of president being left temporarily vacant. At the regular meeting, February 7th, Hon. A. C. Haugan was chosen president, and Hon. Baldwin Brown, vice-president.

The vacant position on the board, caused by the death of Hon. E. M. Wilson, was filled April 25th, by the election of Jas. W. Lawrence, who immediately qualified as a commissioner.

ACQUISITIONS.

LYNDALE PARK.

The need of additional land for the accommodation of the large number of people who frequent the beautiful shores of Lake Harriet was partially supplied through the generous gift of the Lakewood Cemetery Association, of thirty-five acres on the north shore of the lake, which gift was duly mentioned in our last report. Toward the close of 1890, Col. Wm. S. King offered to supplement this donation by deeding to the city thirty-five acres adjoining the land given by the Cemetery association on the east, and also the necessary land for the widening of Dupont avenue from Thirty-eighth street south to forty-sixth street and thence westerly to Lake Harriet boulevard, upon the following conditions, viz:

First, other lands owned by the donor should be exempted from assessments for the cost of the land or for its improvement to the amount of \$120,000, being a conservative estimate of the value of the land given.

Second, certain improvements, estimated by the superintendent of parks to cost \$42,000, should be made within five years from the date of the acceptance of the proposition, and a part of these improvements, which would approximate \$16,000, should be completed during the year 1891.

Third, the city should release the grantor from the condition of a bond given by him to the city, conditional upon his dedicating to the city for street purposes when he should plat the land, as great an area as was so dedicated when the land was platted as Remington park, 4th division.

Owing to the financial condition of the board, it was not possible to accept the gift involving as it did an immediate expenditure of \$16,000. Col. King then generously extended the time in which this requirement of the deed should be fulfilled, for one year, and the board thereupon ac-

cepted the deed. The land thus secured, in connection with that given by the Cemetery association, is according to a condition of the deed to be forever known as Lyndale park. Topographically it is superbly adapted for park purposes and, aside from the construction of necessary driveways, needs but little improvement to make it serviceable. Under the terms of the acceptance of the land, the improvement must be commenced in the spring of 1892, the driveways to be constructed and trees planted before the first day of June next.

POWDERHORN LAKE PARK.

The acquisition of the land designated for the enlargement of Powderhorn Lake Park was begun early in the year, the work being prosecuted, subject to the approval of the board, by a special committee consisting of Commissioners A. E. Allen, J. Stoff and A. J. Boardman. Through the persistent efforts of this committee, title to all the land necessary to extend the limits of the park on the west one block; on the south, one hundred feet and on the east one block, was acquired by the issuance of ten year certificates of indebtedness, excepting ten scattering lots and block two, Lawrence and Reeve's subdivision of Lawrence and Reeve's outlots. The certificates issued, including interest thereon, aggregated \$145,099.65. Condemnation proceedings were instituted to acquire title to the lots and block mentioned, the appraisers reporting awards amounting to \$22,160. From the awards but one appeal was taken and that is now pending in the courts. The area of this park was increased by these acquisitions to about sixty-two acres.

MINNEHAHA PARKWAY.

Substantial progress has been made during the year in the direction of acquiring the land for a parkway to connect the lake system of parks and drives with Minnehaha Park by way of the valley of Minnehaha creek. So important was this project considered that the matter of securing the right of way was intrusted to Commissioners J. A. Ridgway, J. H. Bradish and H. J. Dahn, as a special committee of the Board. Under the direction of this committee a plat of the proposed parkway was prepared, showing land desired, and a tender of deeds from the owners was invited. The area proposed to be taken, from the eastern terminus of the portion secured during 1889 and 1890 at Lyndale avenue, to Minnehaha Park, is one hundred and twenty-nine acres. Of this area deeds covering thirty-six acres have been placed in the hands of the committee and owners of sixty-seven additional acres have promised deeds as soon as the success of the project is assured. The whole area has been designated by the Board and condemnation proceedings have been instituted for the acquisition of such portions as cannot be otherwise obtained. The parkway as projected and partially secured connects with Lake Harriet Boulevard at forty-eighth street, extends easterly to Humboldt avenue, thence south on that avenue, which has been widened to one hundred and ninety-five feet, to Fiftieth street. From Fiftieth street southeasterly to Lyndale avenue the whole valley of the creek and sufficient high land for a driveway on either side is included within the parkway, and this same plan has been followed in defining its limits from Lyndale avenue easterly to near Cedar avenue where it intersects the line of Forty-eighth street which it follows to Thirtieth avenue south at a uniform width of two hundred feet. From this



Skating on the Powderhorn Park Lake.

point the northerly boundary line is extended directly east to Minnehaha avenue, while the southerly line follows Thirty-ninth avenue south and Forty-ninth street to a connection with the same avenue. The whole area of this magnificent parkway is one hundred and sixty-nine acres and its length five and one third miles; at no point, except at Humboldt avenue, is it less than two hundred feet wide and at many places it has a width of from six to eight hundred feet.

Nearly five-sixths of this area has already been acquired at a cost of less than twenty thousand dollars and the acquisition of the remainder may entail about the same additional expenditure, all of which will, however, be collected from property lying contiguous to the parkway and benefited thereby. The importance of this improvement does not consist alone in the fact that it forms a connection between the lakes and Minnehaha; its great width and its natural picturesqueness make it, in fact, a longitudinal park more generally accessible to the people than the same area would be lying more compactly. It may now be reached by either the Minnehaha avenue or Nicollet avenue lines of street railway, and the Cedar, Bloomington, Chicago and Bryant avenue lines will, when extended, intersect it.

CEDAR AVENUE TRIANGLE.

In response to a petition from owners of surrounding property, fractional block, 38, Atwater's addition, was purchased for \$2,394 to be paid for in ten annual payments. The block, triangular in shape, is bounded by Cedar avenue, Seventh street and Eighteenth avenue south.

DEAN BOULEVARD.

In 1887 Joseph Dean and others conveyed to the city a tract of land for a parkway varying in width from 100 to 200 feet and extending from the west side of the Lake of the Isles at a point nearly opposite 26th street, in a westerly and southerly direction to the northern shore of Lake Calhoun, and thence easterly along said shore line a distance of 1200 feet, upon condition that a driveway should be opened the whole length of the parkway prior to October 1st, 1887. This condition has never been complied with because of the many more urgent calls for the expenditure of park funds in other directions. In August last representatives of the grantors called the attention of the board to the nonfulfillment of the condition named, and proposed to extend the time for compliance therewith to July 1st, 1892, and to add to the original grant a sufficient amount of high land along the sides of the tract upon which to construct a driveway. This proposition was accepted by the board and the work engaged to be performed will be begun early the coming season.

The city now owns 1,232 acres of park area with connecting and encircling driveways aggregating 18 miles in length.

The respective areas of the various park properties are given below:

	Acres.
Barnes Place.....	1.33
Dean Boulevard.....	25.
Elliott Park.....	4.
Fairview Park.....	20.52
Franklin Steele Square.....	1.54
Forest Heights Square.....	4.
Glenwood Park.....	64.
Interlachen.....	24.
Kenwood Parkway.....	30.
Lake Harriet Boulevard.....	415.
Lake Calhoun.....	17.

	Acres.
Lake of the Isles.....	161.
Lyndale Park.....	72.
Lovell Square.....	3.67
Loring Park.....	36.
Minnehaha Park.....	123.
Minnehaha Parkway.....	76.
Murphy Square.....	3.33
Moulton Tract.....	10.
Oak Lake Parks.....	4.
Powderhorn Lake Park.....	61.50
Riverside Park.....	19.90
Second Ward Park.....	9.
Stinson Boulevard.....	25.
Wilson Park.....	1.13
Washburn Park.....	10.08
Small squares and lots.....	10.

IMPROVEMENTS.

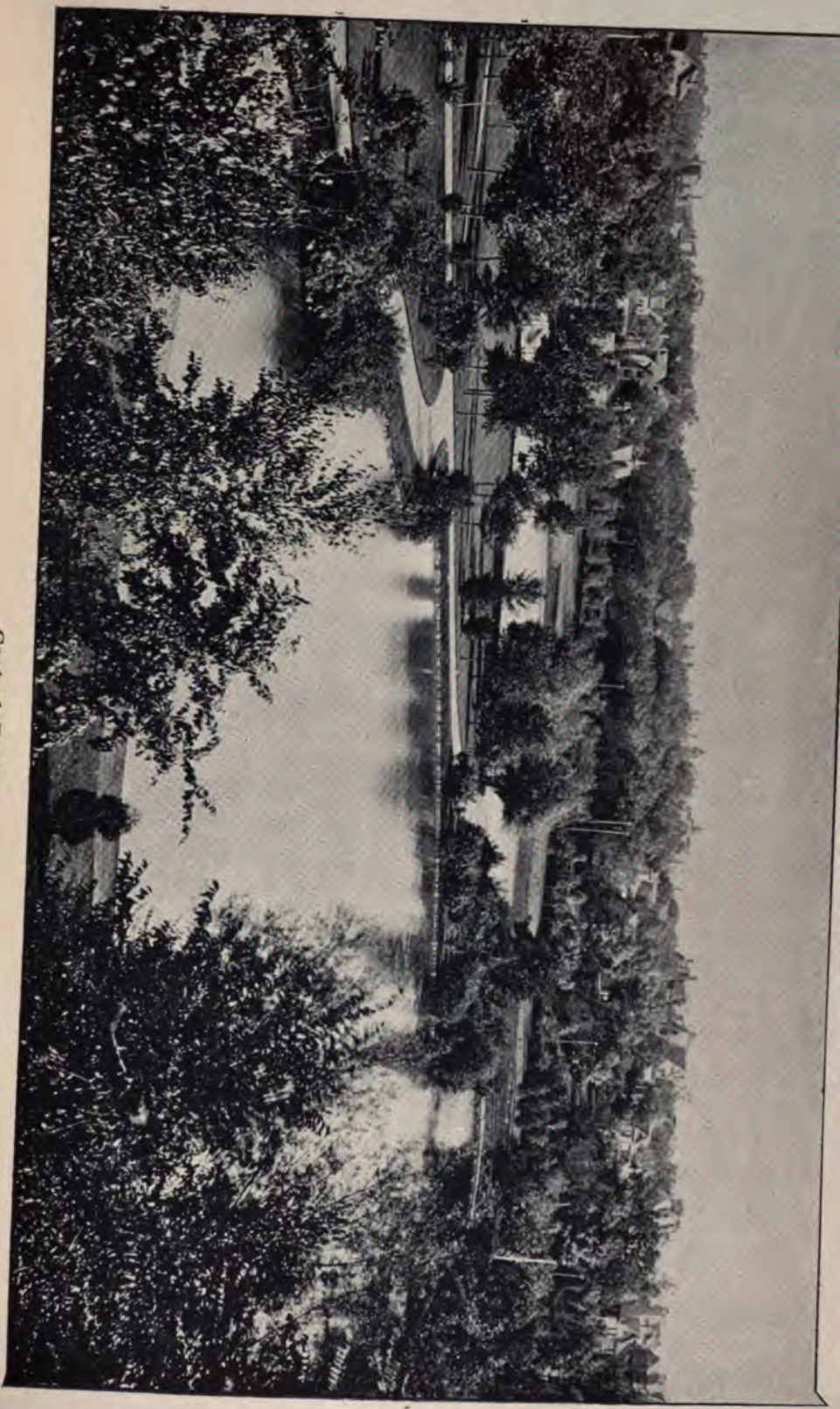
The work of construction for the year has been somewhat lessened by the lack of funds, only \$20,263.08 being expended in permanent improvements aside from that expended upon Hennepin avenue boulevard. The character and location of the various improvements are herewith given.

HENNEPIN AVENUE.

Extensive changes were made necessary upon Hennepin avenue boulevard by reason of the occupation of a portion thereof by the Minneapolis Street Railway Co. for an electric car line under the ordinance of the board passed August 5, 1890, conferring that privilege upon certain conditions, one of which required the payment by the company of \$25,000 into the city park fund. This condition was complied with early in the season and the work of improvement begun. With the consent of the board the city council lowered the grade at Summit avenue nearly seven feet with a comparative change along the boulevard from Groveland avenue to Twenty-second street. The sidewalk space was set back to the line of the lots fronting the avenue, all of the trees being removed, one row being replanted between the sidewalk and curb and the remainder transplanted in other parks or sold to citizens, and artificial stone curbing was constructed along both sides of the avenue from Groveland avenue to Lake street. The driveways were rebuilt, the gravel being first removed and replaced upon a foundation of limestone. In compliance with the conditions of the ordinance before mentioned, the railway company laid their tracks upon a strip fourteen and one-half feet wide in the center of the boulevard, which strip was, at the expense of the company, covered with loam, seeded, and inclosed with artificial curbing. The total cost to the board of these changes and improvements was \$21,662.73 and there was placed to the credit of Hennepin avenue on account of trees removed and sold, \$2,410.

LORING PARK.

Early in the spring the sum of \$2,000 was appropriated for the improvement of the addition to this park acquired in 1890. A driveway was constructed connecting Willow street with West Fifteenth street across park property, a portion of the land was graded and seeded, and 92 trees, removed from Hennepin avenue, were planted along the new driveway. The appropriation was insufficient to complete the improvement and work was therefore suspended. The widening of Hennepin avenue opposite the park, which was consented to by the board, took a strip of land fourteen feet wide from the park from Harmon place to Oak Grove street, and necessitated the removal of 23 trees, which were replanted at the Moulton tract.



Central Park.

LAKE HARRIET.

A new and very picturesque driveway, called Kings Lane, was constructed along the high bank on the east side of the lake, at a cost of \$1,000, and a short connecting road was opened near the pavilion. Upon the destruction by fire of the pavilion owned and operated by the street railway company, and located upon its land, permission was granted to the company to construct a new building upon park property, near the water's edge. The property upon which the old building was situated was improved by the board and served to widen the concourse between the car line and the lake. A water tank was also constructed, for which the railway company furnishes the power, of sufficient capacity to provide water for sprinkling purposes and for use at the pavilion.

LAKE CALHOUN.

A bath house for ladies was constructed at a cost of \$449.50. 6,000 cubic yards of earth, excavated in lowering Thirty-sixth street, was purchased from the Thirteenth ward street fund and used in widening the driveway opposite Lakewood cemetery, at which point a watering fountain has been erected.

LOVELL SQUARE.

This park was further improved by the planting of trees and shrubs, the laying out and graveling of walks, and the laying of water pipes.

LYNDALE AVENUE.

That portion of the roadway from Plymouth avenue to Twentieth avenue north was completed by the addition of a six-inch top dressing of crushed limestone. The total amount expended upon this parkway was \$6,038.34, which amount includes an item of \$1,777.95 paid for stone used in 1890. This improvement was made upon the supposition that the avenue would not be disturbed for a number of years, but unfortunately this supposition was ill founded, as the city council has ordered, for next season, the construction of a sewer along that portion of the avenue this year improved by the board.

MOULTON TRACT.

This park of ten acres, situated in the Ninth ward, was purchased in 1887, and has since been of some service without improvement, as it was formerly a portion of a nursery and was therefore well covered with trees and shrubs. Through neglect, however, the trees were crowding each other, and this season they were thinned out, many being transplanted to portions of the park where needed, and the whole area was graded and improved after a plan prepared by H. W. S. Cleveland.

In addition to the improvements detailed above, iron railings were constructed along the edge of the bluffs at Minnehaha and Riverside parks; Murphy Square was inclosed by an iron fence of pleasing design; the lake in Second ward park was drained and the basin thoroughly lined with puddled clay; the triangle at Fifth street and Eleventh avenue north was graded, seeded and inclosed with an iron fence, as was also the Cedar avenue triangle; and Glenwood park was partially improved by the cutting out of dead timber and underbrush.

TREE PLANTING.

The board has caused to be planted and cared for during the year, 195 trees along Pillsbury avenue, from 26th to 32d streets and 18 on the west side of First avenue south from 32d to 33d streets, the cost of which, together with the estimated cost of their care for three years, was assessed upon abutting property. In the same manner, and at request of property owners, 18 trees were transplanted from Hennepin avenue to Chestnut avenue and an assessment of ten dollars for each tree was levied against abutting property.

THE PEAVEY FOUNTAIN.

The board received substantial encouragement in the direction of adorning and beautifying the parks by a gift from Mr. Frank H. Peavey, of a granite fountain, a view of which forms one of the engravings accompanying this report. The presentation was announced in the following communication received September 16th.

To the Honorable Board of Park Commissioners:

GENTLEMEN: I have erected a fountain at the intersection of the Kenwood parkway and the Lake of the Isles drive, and take this opportunity, with great pleasure, in presenting the same to your Commission.

I trust you will be able to prosecute as fast as is practicable the good work you have so well begun, and of which every citizen of our beautiful city is justly proud.

Very respectfully,

FRANK H. PEAVEY

The board acknowledged the gift and expressed its thanks therefor in the following resolutions which have been suitably ornamented and bound and presented to Mr. Peavey.

WHEREAS, Our fellow citizen, Mr. Frank H. Peavey, has erected at the intersection of the Lake of the Isles drive and Kenwood Parkway a fountain in granite, tasteful in design and useful in character, and forming a highly ornamental feature of the park system in that quarter.

Therefore, Resolved. That the Board of Park Commissioners do hereby, on behalf of the City of Minneapolis, accept the gift of Mr. Peavey.

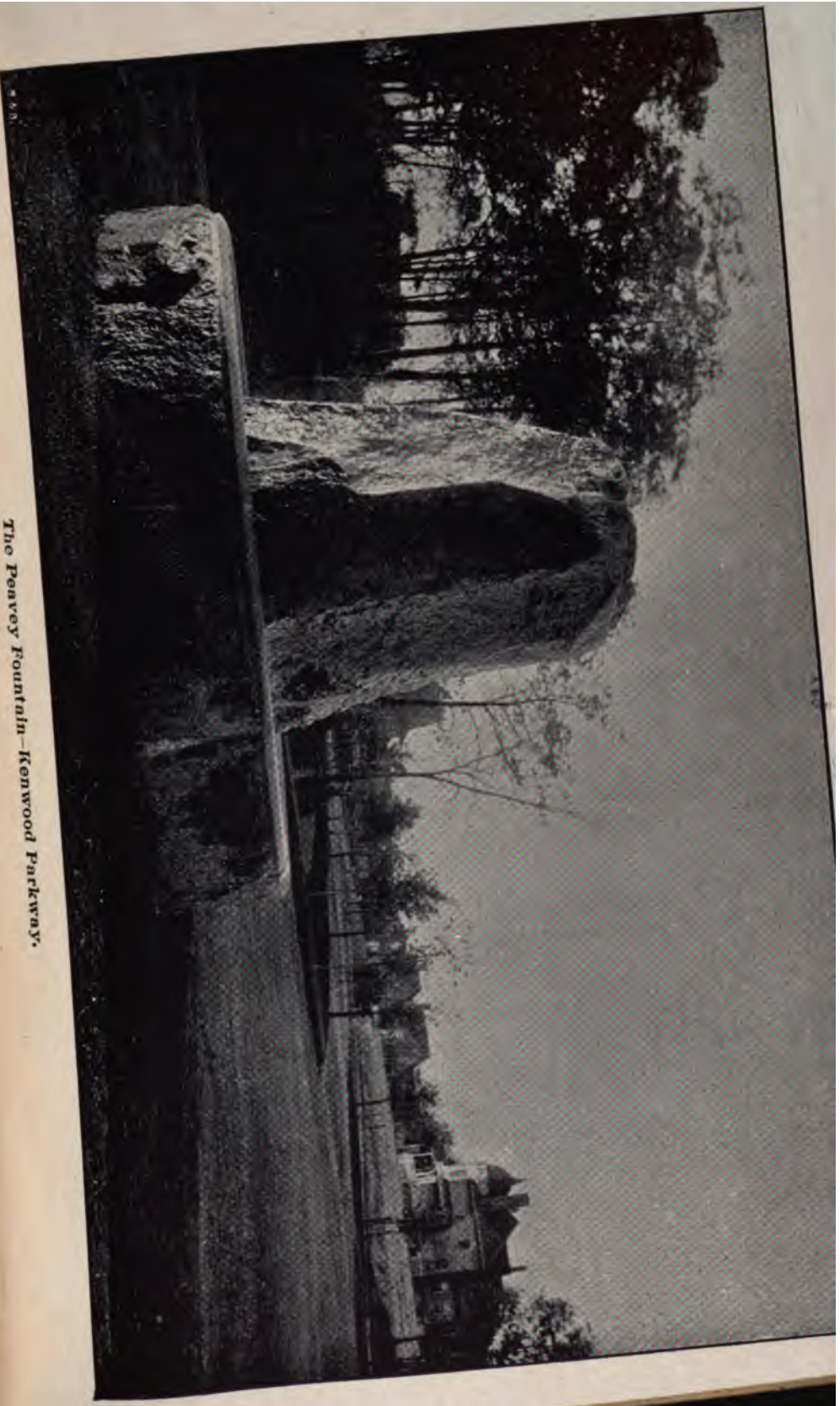
That in hereby returning their thanks as an official board, the Commission feels itself justified in assuring Mr. Peavey that the whole body of citizens heartily unites with them.

That the Board beg leave to congratulate Mr. Peavey in being the pioneer benefactor in this particular and most appropriate line of park decoration.

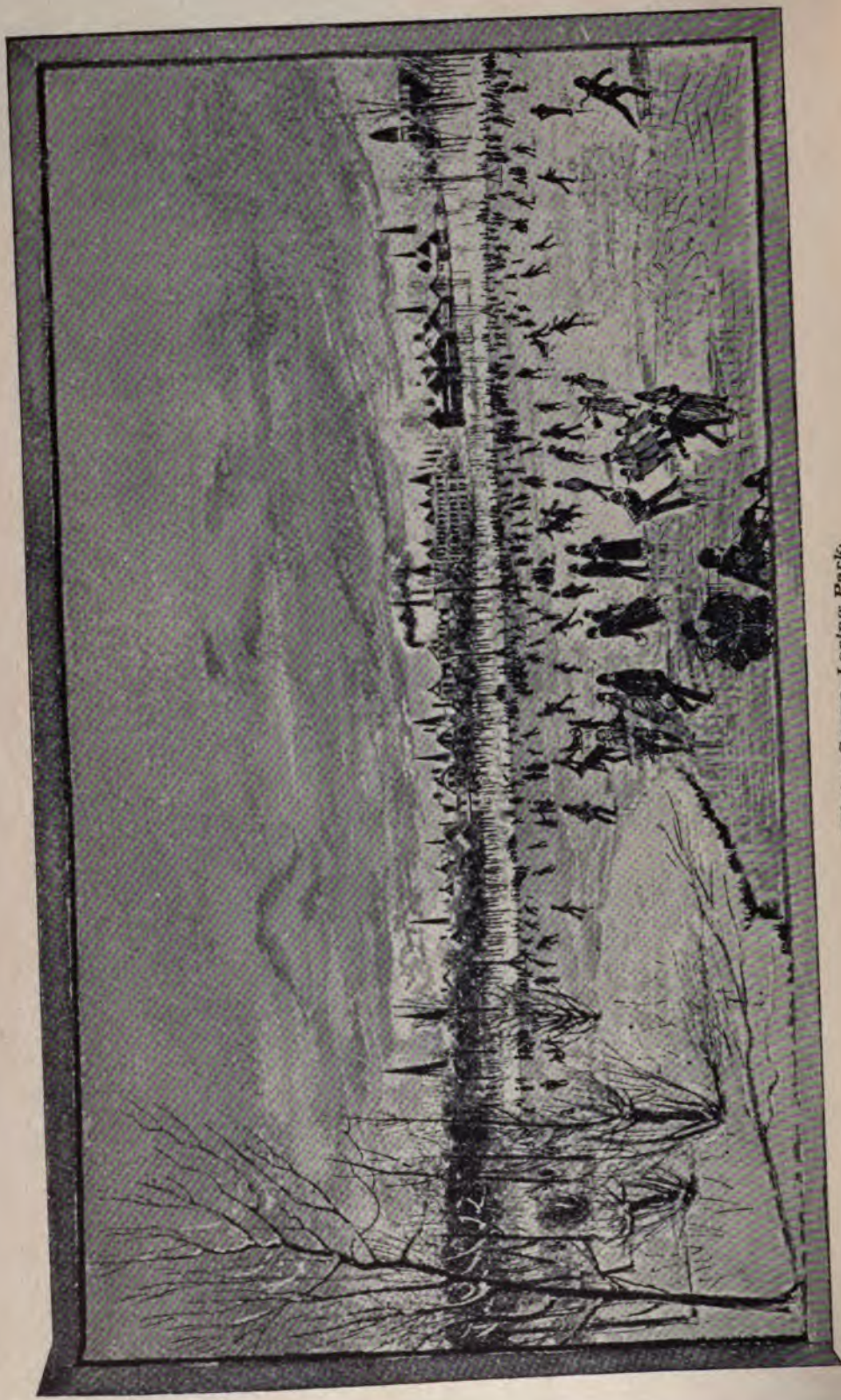
That this Board hereby expresses the hope that this fountain may not only long endure to serve the beneficent purpose for which it was erected, but may stand as a constant memorial of the generosity of the donor to the city in which he is so highly esteemed.

MAINTENANCE.

The parks have been maintained in their usual condition at a cost of \$41,389.25, an increase of \$12,471.06 over the cost of maintenance for 1890. This is partially due to an increased area of improved parks, but about \$4,500 of the increase is due to the claims for maintenance in 1890, which were, owing to a scarcity of funds, paid from the resources of 1891. A force of seventeen park police was employed during the summer season, being distributed as follows: Loring park, Minnehaha park and Lake Harriet each three; Hennepin avenue two; Lake Calhoun, Lake of the Isles and Kenwood parkways and Farview, Elliot and Riverside parks



The Peavey Fountain—Kenwood Parkway.



Winter Scene—Loring Park.

one each. A larger display of flowers was made in the parks than during 1890, Farview and Second Ward parks being for the first time beautified in that way. An appropriation of \$300 was made in October to be used in covering the park lawns and parkway planting spaces with manure or some fertilizing compound, and this was done during November and December.

WINTER SPORTS.

During the winter months of the year the board has provided skating rinks in various sections of the city which have been frequented by large numbers, it being not an unusual sight to see 5,000 people upon the lake at Loring park. The board is now operating five rinks, Loring, Elliot, Powderhorn, Second and Third Ward, all of which are located upon park property except that in the Third ward. At these rinks, suitable buildings have been constructed and are kept warm for the use of skaters, while at Loring park a revenue is derived from the renting of skates and sale of straps.

MISCELLANEOUS.

The boating privilege at Lake Calhoun was sold for the season for \$400, and was operated by the purchaser to the satisfaction of the public.

At Lake Harriet the boating privilege was operated again by the board, the total receipts for the season aggregating \$5,131.77, and the expenses of management were \$1,944.15, giving a net income from this source of \$3,187.62. Although forty new sixteen-foot boats were added to the fleet early in the spring, the summer has demonstrated that still more are necessary to enable the board to properly provide the service required by the many people who frequent this popular resort. Thirty-five boats stored in the pavilion were destroyed by fire, the loss being satisfactorily adjusted with the insurance companies for \$570. An Ohmer swan boat was purchased in July and operated during the remainder of the season upon the lake in Loring park; \$120.75 was derived from carrying passengers, which was just about sufficient to pay the expenses of its operation.

The following special assessments have been levied during the year:

On account Powderhorn Lake park.....	\$180,043.65
On account Lyndale park.....	130,000.00
On account Cedar avenue triangle.....	2,394.00
Tree planting.....	1,245.00

On January 28th the board issued \$50,000 in 4 per cent. bonds, none of which have been sold, though it now becomes necessary to dispose of a portion of them to provide funds for the payment of pending awards for lots condemned for Powderhorn lake park.

Two buildings situated in Loring park were sold to Henry Knight the consideration being the indorsement upon the board's note held by him of \$1,000.

New rules were adopted for the government of the board and its officers, the full text of which forms an appendix to this report.

FINANCIAL.

The secretary's financial report is herewith presented, showing in detail the receipts and expenditures for the year.

The present financial condition of the board is very gratifying. During 1890 the demands made upon the funds by a compliance with conditions

named in deeds conveying land to the city, necessitated the negotiation of loans aggregating \$53,112; a bill for trees and a claim for crushed limestone, both amounting to \$4,665.70 were by arrangement left for payment from the resources of 1891; the park fund showed an overdraft of \$4,943.56 on January 1st; while sundry claims for labor and material amounting to \$7,605.11, which had accumulated near the close of the year, were carried over to the present year. There was in fact a total indebtedness of \$70,326.37. All these claims have been promptly met and the only outstanding obligation at the present time is a note for \$15,000 negotiated to secure funds for the payment of interest on bonds due this day, while as an offset to this there is in cash on hand \$2,631.74.

The revenue for 1891 is therefore practically intact for meeting the the expenses of the year and prosecuting the work of improvement.

By order of the board :

A. C. HAUGAN, *President.*

W. G. NYE, *Secretary.*
Minneapolis, Jan. 1, 1892.



Second Ward Park.

SECRETARY'S FINANCIAL REPORT.

MINNEAPOLIS, Minn., January 1, 1892.

To the Honorable Board of Park Commissioners:

GENTLEMEN: I have the honor to submit the following statement of the account of this department with the city treasurer for the year 1891; also itemized statements of the receipts and expenditures as credited or debited to the various accounts upon the books of my office.

CITY TREASURER.

	Dr.		Cr.
To cash received—			
From taxes and assessments	\$197,705.56		
From Minneapolis Street Railway Co.	25,000.00		
From temporary loans	58,096.91		
From boat rental	5,131.77		
From sale of privileges	1,270.00		
From sale of buildings	1,857.00		
From sale of trees	1,312.25		
From miscellaneous collections	861.50		
Total		\$291,234.99	
By cash paid—			
For overdraft, January 1, 1891.	\$4,943.56		
For interest on bonds and loans	32,633.57		
For temporary loans	100,999.73		
For expenses and salaries	15,458.90		
For acquisition of land	44,575.48		
For improvements	41,925.81		
For maintenance	41,389.25		
For trees and shrubbery	1,008.05		
For trees and tree planting	3,590.75		
For tools and personal property	2,078.13		
Cash balance in park fund	2,631.74		
Total		\$291,234.99	

RECEIPTS ITEMIZED.

Hennepin county—		
Park tax, 1890, eight tenths mill	\$96,504.61	
Park tax, 1890, delinquent	3,757.56	
Park tax, 1888, and prior years	526.34	
Park assessments, 1890	84,273.32	
Park assessments, 1889	4,607.82	
Park assessments, 1888 and prior years	293.36	
Tree planting assessments	4,490.60	
Penalties and interest	3,261.91	\$197,705.56
Cedar Avenue Triangle—		
Sale of building		\$70.00
Fifth Street Triangle—		
Sale of building		50.00
Hennepin Avenue Boulevard—		
From Street Railway Co.	\$25,000.00	
Sale of lawn grass	42.75	
		\$25,042.75
Kenwood Parkway—		
Collection on account of damage to tree		5.00
Loring Park—		
Sale of old iron	\$29.05	
Sale of privilege	20.00	
		\$49.05
Lake of the Isles—		
Sale of hay		25.00
Lake Harriet—		
Insurance on boats burned	\$590.00	
Boat rental	5,131.77	
Sale of privilege	100.00	
		\$5,801.77

Lake Calhoun—		
Sale of boating privilege, 1890-91..		\$800. 0
Lyndale Avenue—		
Cost of repairing engine, returned.....	\$8. 45	
Forfeit on plumbing permit.....	3 00	
		\$11. 45
Minnehaha Park—		
Sale of privilege, 1890.....	\$350. 00	
Sale of building	30. 00	
		\$380. 00
Minnehaha Parkway—		
Sale of hay		\$5. 00
Powderhorn Lake Park—		
Sale of buildings.....	\$1,707. 00	
Refunded on abstracts.....	8. 45	
		\$1,715. 45
Bills Payable—		
Loan, January 1, 1891.....	\$4,809. 41	
Loan, January 12, 1891.....	5,000. 00	
Loan, February 9, 1891.....	33,795. 00	
Loan, December 14, 1891.....	14,492. 50	
		\$58,096. 91
Miscellaneous collections—		
Sale of horse.....	\$40. 00	
Sale of police cloth.....	112. 35	
Sale of trees.....	1,812. 25	
Interest refunded.....	12. 45	
		\$1,477. 05
Total receipts.....		\$291,234. 99

EXPENDITURES ITEMIZED.

FOR ACQUISITION OF LAND.

Cedar Avenue Triangle—		
Engineering.....	\$21. 49	
Cost of assessment.....	81. 63	
		\$103. 12
Dean Boulevard—		
Engineering.....		\$76. 82
East River Boulevard—		
Engineering.....	\$41. 30	
Redemption of lots from tax sale.....	17. 30	
		\$58. 60
Fifth Street Triangle—		
Payment of coupon No. 1 on certificate of indebtedness.....	\$346. 20	
Engineering.....	11. 93	
Cost of assessment.....	42. 93	
		\$401. 06
Glenwood Park—		
Payment coupon No. 2 on certificates of indebtedness.....		\$10,000. 00
Interlaken—		
Payment coupons No. 1 on certificates of indebtedness.....	\$11,300. 00	
Engineering.....	36. 37	
Cost of assessment.....	433. 77	
		\$11,770. 14
Loring Park—		
Payment coupons No. 1 on certificates of indebtedness.....	\$10,500. 00	
Court fees and abstracts.....	38. 17	
Cost of assessment.....	347. 70	
Interest on notes.....	859. 21	
		\$11,745. 08
Lyndale park—		
Engineering.....	\$45. 00	
Taxes and abstracts.....	616. 13	
Cost of assessment.....	356. 94	
		\$1,018. 07
Minnehaha Park—		
Legal service, contesting title.....		\$300. 00
Minnehaha Parkway—		
Engineering.....	\$42. 12	
Cost of assessment.....	321. 10	
		\$363. 22
Powderhorn Lake Park—		
Engineering.....	\$64. 01	
Abstracts and recording.....	111. 38	
Cost of appraisal.....	89. 17	
Cost of assessment.....	947. 96	
		\$1,232. 52
Second Ward Park—		
Payment coupons No. 1 on certificates of indebtedness.....		\$7,500. 00
Thirty-fourth Street Boulevard—		
Court fees, sale of lot.....		\$6. 85
Total.....		\$44,575. 48

PARK COMMISSIONERS REPORT.

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FOR IMPROVEMENTS.

Hennepin Avenue Boulevard—		
Labor.....	\$15,234.00	
Engineering.....	370.57	
Curbing.....	5,803.32	
Plumbing.....	144.00	
Lawn grass.....	105.84	
		\$21,662.73
Loring Park—		
Labor.....	\$1,823.14	
Engineering.....	112.80	
Material.....	100.08	
Swan boat.....	254.00	
		\$2,350.00
Lake Harriet—		
Labor.....	\$2,476.05	
Engineering.....	54.28	
Lumber.....	105.00	
Foundation for water tank.....	128.05	
Painting water tank.....	22.00	
		\$2,786.26
Lake Calhoun—		
Construction of bath house.....	\$440.50	
Earth filling at 36th street.....	300.00	
		\$740.50
Lovell Square—		
Labor.....	\$168.13	
Engineering.....	50.07	
Plumbing.....	171.38	
Lawn grass.....	39.75	
		\$438.33
Lyndale Avenue—		
Labor and material.....	\$3,627.87	
Stone used in 1890.....	1,777.05	
Engineering.....	83.49	
Coal and lumber.....	549.03	
		\$6,038.34
Minnehaha Park—		
Iron railings.....	\$456.40	
Lumber for closets.....	504.34	
		\$960.74
Moulton Tract—		
Labor.....	\$2,163.08	
Plan.....	150.00	
Engineering.....	61.13	
Lumber and lawn grass.....	64.07	
		\$2,440.08
Oak Lake Park—		
Labor.....		\$60.50
Riverside Park—		
Labor, planting.....	\$773.75	
Iron railings.....	155.40	
		\$929.15
Second Ward Park—		
Labor and clay.....	\$ 3,175.08	
Engineering.....	14.03	
Plumbing.....	69.52	
		\$3,260.43
Stinson Boulevard—		
Labor.....	\$221.75	
Engineering.....	10.00	
		\$231.75
Total.....		\$41,025.81

FOR MAINTENANCE.

Barnes Place—		
Labor.....		\$62.20
Clifton Avenue Triangle—		
Labor.....	\$27.27	
Flowers.....	17.08	
		\$44.35
Elliot Park—		
Labor.....	\$717.20	
Police.....	361.00	
Lighting.....	31.74	
Plumbing.....	13.50	
Flowers.....	100.95	
		\$1,224.30
Franklin Steele Square—		
Labor.....	\$368.05	
Plumbing.....	3.50	
Flowers.....	\$142.01	
		\$514.46

Fairview Park—			
Labor.....	\$1,207.46		
Police.....	414.34		
Plumbing and hose.....	69.21		
Lighting.....	99.17		
Flowers.....	62.04		
			\$1,942.22
Glenwood Park—			
Labor.....	\$292.50		
Engineering.....	80.68		
Lumber.....	42.11		
			\$415.29
Hennepin Avenue Boulevard—			
Labor.....	\$ 714.96		
Police.....	1,061.75		
			\$1,776.71
Kenwood Parkway—			
Labor.....	\$3,168.32		
Police.....	633.68		
Engineering.....	36.48		
Foundation for fountain.....	193.00		
Flowers.....	79.50		
			\$4,110.98
Loring Park—			
Labor.....	\$3,996.18		
Police.....	1,210.50		
Lighting.....	589.90		
Feed.....	194.71		
Material.....	174.13		
Flowers.....	400.59		
			\$6,566.01
Lake of the Isles—			
Labor.....	\$1,629.77		
Police.....	739.64		
Engineering.....	17.00		
Trees and lawn grass.....	303.86		
			\$2,690.31
Lake Harriet—			
Labor.....	\$4,630.09		
Police.....	1,368.68		
Lumber.....	68.79		
Boatmen.....	1,808.35		
Repairs.....	135.80		
New boats.....	1,400.00		
			\$9,431.71
Lake Calhoun—			
Labor.....	\$1,118.35		
Police.....	510.00		
Engineering.....	10.83		
			\$1,639.18
Lovell Square—			
Labor.....			\$150.00
Lyndale Avenue—			
Labor, watering trees.....	\$203.50		
Labor, repairing walk.....	306.03		
Engineering.....	9.19		
Lumber.....	72.28		
			\$691.00
Minnehaha Park—			
Labor.....	\$1,194.18		
Police.....	1,413.68		
Engineering.....	22.68		
Repairing stone work.....	367.69		
Lumber.....	66.58		
			\$3,064.81
Minnehaha Parkway—			
Labor.....	\$784.30		
Engineering.....	14.00		
Lawn grass.....	26.50		
Lumber.....	25.04		
			\$849.84
Murphy Square—			
Labor.....	\$431.81		
Engineering.....	4.97		
Fence.....	620.51		
Flowers.....	29.53		
			\$1,086.82
Moulton Tract—			
Labor.....			\$820.15
Oak Lake Parks—			
Labor.....			\$168.00
Portland Avenue Triangle—			
Labor.....	\$10.00		
Flowers.....	11.25		
			\$21.25

PARK COMMISSIONERS REPORT.

511

Powderhorn Lake Park—		
Labor, ice rink.....		\$100.40
Riverside Park—		
Labor.....	\$968.06	
Police.....	357.50	
Engineering.....	13.47	
Lighting.....	103.80	
Flowers.....	81.35	
		\$1,526.18
Second Ward Park—		
Labor.....	\$1,111.05	
Plumbing.....	42.25	
Flowers.....	103.42	
		\$1,256.72
Willow Park—		
Labor.....	\$183.05	
Flowers.....	91.38	
		\$274.43
Washburn Park—		
Labor.....	\$888.34	
Plumbing.....	5.25	
Tax rebated.....	18.50	
Flowers.....	149.75	
		\$1,061.84
Total.....		\$41,380.25

BILLS PAYABLE.

Payment of loans made 1890.....	\$55,999.75	
Payment of loan of Jan. 1, 1891.....	5,000.00	
Payment of loan of Jan. 12, 1891.....	5,000.00	
Payment of loan of Feb. 9, 1891.....	35,000.00	
		\$100,999.75

TOOLS AND PERSONAL PROPERTY.

Desk and office furniture.....	\$357.25	
Hammocks.....	50.85	
Water boxes and hose.....	671.38	
Safe.....	38.50	
Lawn mowers.....	102.00	
Small tools and repairs.....	858.15	
		\$2,078.13

TREES AND SHRUBBERY.

Purchase of trees.....	\$1,008.05
------------------------	------------

TREE PLANTING ACCOUNTS.

Chestnut avenue, planting.....	\$219.76	
Dupont avenue, care.....	345.55	
First avenue south, planting.....	90.68	
Kenwood addition, care.....	145.87	
Portland avenue, care.....	107.47	
Pillsbury avenue, planting.....	\$1,015.95	
Second ward, care.....	\$1,657.47	
		\$3,590.75

MISCELLANEOUS EXPENDITURES.

Interest.....	\$32,633.57	
Books and auditing.....	100.00	
County auditor's services.....	323.22	
Salaries.....	5,633.37	
Office rent.....	700.00	
Board of horses.....	436.50	
Care of ice rinks, 1889 and 1890.....	4,087.42	
Tool yard.....	648.08	
Printing and stationery.....	1,628.79	
Material not chargeable to any park.....	1,730.60	
Police cloth.....	174.92	
		\$48,092.47

CITY TREASURER.

Return of overdraft.....	\$4,943.56
Total expenditures.....	288,603.25
Cash in treasury Jan. 1, 1892.....	2,631.74

Respectfully submitted,

W. G. NYE, Secretary.

**RULES OF THE BOARD OF PARK COMMISSIONERS OF THE CITY
OF MINNEAPOLIS.**

MEETINGS.

SECTION 1. Regular meetings of the board shall be held at its office at 2 o'clock P. M., on the first and third Monday in each month, from April to October inclusive, and on the first Monday in each month from November to March inclusive.

SEC. 2. Special meetings may be called by the president whenever he deems the same expedient; and shall be so called whenever three commissioners shall request the same in writing.

SEC. 3. The board may adjourn from time to time, absentees being notified thereof, and in case there shall be no quorum present on the day fixed for a regular, adjourned, or special meeting, the commissioners present may adjourn from time to time, until a quorum be obtained; or may adjourn said meeting *sine die*.

SEC. 4. Each commissioner shall be notified, at least two days previous to any special meeting, of the time, place and purpose of the same.

Said notice shall be given by the secretary, and shall be in writing and served personally, or deposited in the postoffice, at least two days before the day appointed for holding such meeting.

CONDUCT OF BUSINESS.

SEC. 5. No business shall be transacted at any special meeting other than that named in the call therefor; except by consent of two-thirds of the entire board (or unanimous consent if less than two-thirds are present), in which event any measure adopted by a vote of the majority of the entire board shall have the same effect as if so adopted at a regular meeting; provided that a call for a special meeting "for the transaction of general business," shall be deemed to cover any and all business that might properly be transacted at a regular meeting.

SEC. 6. Meetings shall be called to order by the president, or, in his absence, by the vice-president.

In the absence of both, the secretary shall call the meeting to order, when those present may elect a president *pro tem*.

SEC. 7. The roll shall be called at the opening of each meeting, and a record made of the commissioners present or absent.

The minutes of previous meetings shall then be read for approval, and errors noted and corrected, after which the regular order of business shall be taken up;

Provided, that the reading of the minutes may be laid over to a subsequent time.

SEC. 8. The order of business, after roll call and approval of minutes, shall be as follows, unless otherwise ordered by the board:

1. Petitions and communications.
2. Presentation of claims.
3. Reports of officers.
4. Of standing committees.
5. Of special committee.
6. Unfinished business.
7. New business, motions, etc.
8. Adjournment.

SEC. 9. All reports shall be in writing; as shall also motions and resolutions, when it is desired that more than the substance thereof be entered on the minutes.

ELECTION OF OFFICERS.

SEC. 10. At the annual meeting in January of each year the board shall elect a president, vice-president, secretary, attorney, superintendent, and such other officers as it may deem necessary; but in case of failure to elect at the time specified the election shall take place at a subsequent meeting without delay.

The president, vice-president, secretary, attorney, and superintendent shall hold their respective offices until the next annual meeting after their election, and until their successors are elected and qualified.

They shall perform the duties devolving upon them by law, and such other duties as the board may prescribe, and their compensation shall be fixed by the board.

DUTIES OF PRESIDENT.

SEC. 11. The president shall perform the duties devolving upon him by law, and shall preserve order and decorum, and enforce the rules and regulations of the board.

He may present to the board such matters as, in his judgment require attention, and need not vacate his chair for that purpose unless proposing to discuss the same.

He shall direct the yeas and nays to be taken and entered on the record, on any question before the board, at the request of any commissioner.

Where the board has no established rule of parliamentary practice, the president shall be guided, as near as may be, by Roberts' Rules of Order.

The president shall exercise a general supervision over the business, papers and property of the board, and shall execute all bonds, deeds, contracts, or other instruments required or directed to be executed on behalf of the board, the same to be attested by the secretary.

DUTIES OF VICE-PRESIDENT.

SEC. 12. The vice-president shall act, in the absence of the president, at any meeting, and when the president is absent from the city, all the duties of his office or as a member of any committee of which he may be a member, shall temporarily devolve upon the vice-president, but he shall not sign park-bonds, incurring indebtedness, unless expressly authorized by the board.

DUTIES OF SECRETARY.

SEC. 13. The secretary shall perform the duties required by law, and all duties properly devolving upon such officer.

He shall have charge of and attend the office of the board when the board shall not be in session, as the board may from time to time direct.

He shall attend all meetings of the board, and of its committees, when required.

He shall keep a true and complete record of the proceedings of said board, and have charge of all books documents and papers which properly belong to his office.

He shall draw all orders on the city treasurer, payable out of the "City Park Fund," for all bills ordered paid by the board; which orders shall be signed by the president.

He shall keep, in proper form, books of account, showing the moneys received by and paid out of the "City Park Fund."

He shall cause all paid vouchers to be filed and properly preserved, and have custody of the corporate seal, attaching the same to all documents which require sealing.

He shall furnish any information attainable from the books of the board, at the request of any commissioner.

Upon receipt of the monthly payroll, he shall carefully compare the same with the foremens time books and data, submitted by the superintendent, and certify to the correctness of the entries and footings, and upon the approval thereof by the board or its finance committee he shall enter a true copy of the same as approved, in a suitable book, provided for that purpose.

He shall have the custody of a fund for the payment of discharged employees, as may be fixed by the board, to be called the "Labor Revolving Fund."

He shall attend to the payment of employees upon the work, when practicable, and shall take and file in his office laborer's receipts for amount paid them.

He shall at the first meeting of the board in each month report in writing the cash received by him during the preceding month from the sale of trees, the sale (or operation) of boating, skating, or refreshment privileges, or from any other source, specifying the source from which obtained, and shall pay the same to the treasurer to the credit of the city park fund, when ordered so to do by the board.

DUTIES OF ATTORNEY.

SEC. 14. The attorney shall attend all meetings of the board and of committees when required. He shall examine and report upon titles to lands purchased by the board, take charge of all cases in court in which the board may be interested and act as the legal adviser of the board.

DUTIES OF SUPERINTENDENT.

SEC. 15. The superintendent of parks shall have general charge thereof, and shall, except as otherwise expressly directed, act under the supervision of the board, and shall give his entire time and attention to the duties of the board.

As soon as practicable after the first of each month, he shall make out or cause to be made out, a monthly pay roll of park employees, certify to its correctness, and submit the same, together with the foremen's time books and all other data from which it is prepared, to the secretary.

When employees shall have been discharged, and hardship would otherwise ensue, he may give a time check for the amount due.

Discharged employees having such time checks, may, on presentation of the same to the secretary, be paid from the fund provided, the same being reimbursed at each settlement of the monthly pay roll.

He shall make a yearly inventory of property coming into his hands and account for all he may have received.

He shall be *ex officio* superintendent of park police and shall, unless otherwise ordered by the board, perform the duties of forester.

He shall make a report of progress to the committee on improvements for the information of the board at each regular meeting beginning with May and ending with November.

DUTIES OF COMMITTEES.

SEC. 16. Standing Committees shall be appointed at the annual meeting in each year, or as soon thereafter as may be, as follows:

- (1). On improvements.
- (2). On finance.
- (3). On judiciary.
- (4). On designation of grounds.
- (5). On employment and supplies.
- (6). On police.
- (7). On salaries.
- (8). On shore rights and privileges.
- (9). On entertainments and winter sports.
- (10.) On city forestry.

SEC. 17. Except as otherwise ordered by the board, committees shall consist of three members each, except the committee on improvements, which shall consist of five members.

The president shall appoint all committees, unless the board shall otherwise direct.

The board may at any time increase the number of members on any committee in such way as it may deem best.

SEC. 18. The first member named on a committee shall be the chairman thereof, unless the majority of the committee shall decide otherwise.

The chairman of a committee shall call the same together at such time and place as he may deem proper whenever there is any business requiring the attention of the committee.

SEC. 19. *Committee on Improvements.* The committee on improvements shall have general supervision of work ordered by the board.

They shall make monthly reports to the board, and recommend such improvements from time to time as they may deem advisable, together with the estimated cost thereof.

They shall present to the board for its consideration at the regular meeting in March of each year, or at the next succeeding meeting, an equitable apportionment of the amount available for improvements to the various parks and parkways.

In an emergency, the committee may act for the best interests of the board, without awaiting instructions, provided, that the cost of the work ordered shall not exceed the sum of one hundred dollars.

SEC. 20. *On Finance.* The committee on finance shall have general supervision of the finances of the board, examine and pass upon claims

before the same are allowed, but no claim shall be considered by them unless it shall have first been presented to the board, nor shall any claim be presented to the board which is not certified by the commissioner or officer ordering the material or labor charged for, unless the attention of the board is called to the fact that it is not so certified.

They shall estimate and present a rate of tax levy, cause the books of the Secretary to be audited annually, and pass upon financial reports of officers.

They shall present to the board at the regular meeting in February of each year, or at the next succeeding meeting, a financial exhibit which shall show in detail:

1st. The total estimated resources of the board for the current year, the source from which derived and the time when received by the board. 2. An estimate of the respective sums necessary to maintain and operate each park and parkway during the year and the times when needed, also the expenses of administration. 3d. A detailed estimate of all sums to be expended during such year according to the terms of any contract entered into by the board with former land owners or otherwise and the time when such expenditure will be necessary. 4th. The probable amount which will be available for improvements.

They may approve any pay-roll for park employes, pending a meeting of the board, whenever they shall deem the same advisable, in which event a warrant may be drawn therefor, and the facts subsequently reported to the board.

SEC. 21. *On Judiciary.* The committee on judiciary shall prepare such enactments that may be deemed proper, and if the same are approved by the board, cause the same to be presented to the legislature, for action thereon.

They shall prepare such rules and regulations, for the government of the board and its employes, and ordinances for the proper government and use of the parks and parkways, as may be deemed proper, submitting the same to the board for approval.

SEC. 22. *On Designation of Grounds.* The committee on designation of grounds shall examine and report upon all propositions for extensions of, or new parks or parkways, and take charge of the purchase and sale of lands for or by the board.

They shall, subject to the approval of the board, designate names for parks and pieces of land coming into the control of the board; and perform such other duties as may be proper.

SEC. 23. *On Employment and Supplies.* The committee on employment and supplies shall have general supervision of the hiring of employes, the purchase of supplies, printing of reports, etc., subject to the directions of the board.

SEC. 24. *On Police.* The committee on police shall have general supervision of the park police, shall make recommendations for appointment and shall see that all police regulations are enforced.

They may at any time suspend or discharge any park policeman and shall report thereon to the board at its next meeting.

SEC. 25. *On Salaries.* The committee on salaries shall submit to the board at the regular meeting in February each year (or at the next succeeding meeting) and at other times when necessary, a schedule of salaries to be paid the superintendent, secretary, attorney, park police, regular

park employes, and such other officers or employes as the board may require.

SEC. 26. *On Shore Rights and Privileges.* The committee on shore rights and privileges shall have general supervision of the use of shores for boating purposes, and of all buildings erected on any park or parkway by the board, or under its authority.

All matters relating to privileges for refreshment-stands, bathing-houses, boat-landings, etc., shall, subject to the approval of the board, be passed upon by said committee.

SEC. 27. *On Entertainments and Winter Sports.* The committee on entertainments and winter sports shall have general supervision over the use of park grounds for picnic purposes, band performances and fireworks displays; and they shall further supervise the use of said grounds for skating rinks, toboggan slides and speeding tracks, subject to the approval of the board.

SEC. 28. *On Forestry.* The committee on city forestry shall have general supervision of the purchase and sale of trees and shrubs, and shall examine and report upon all petitions for the planting of trees along any street or avenue.

SEC. 29. Nothing in the foregoing shall be construed as to waive the right of the board at any time to increase or curtail the duties of any committee, or to direct or control their actions.

SEC. 30. *Special Committees.* Special committees may at any time be appointed by the board, in such manner and for such purposes as may be deemed best.

ORDERS FOR SUPPLIES.

SEC. 31. Written orders, in duplicate, on blanks prepared for the purpose, shall be given for all supplies ordered for the board, the same to be signed by the officer ordering the same; which order shall accompany the claims for payment, when presented to the board, the duplicate to be returned to the secretary by the officer giving the order on the first of the next succeeding month.

SALE OF TREES.

SEC. 32. No trees, shrubs, or plants shall be sold to private parties, nor shall the same be planted by the board employes, unless payment therefor be made in advance, in such manner as the board may from time to time direct.

PAYMENT OF INTEREST.

SEC. 33. In event that, by reason of lack of quorum or any oversight, the board should neglect to provide for a warrant for funds for payment of interest, the proper officers shall draw such warrants, reporting the fact to the board at its next meeting.

SEC. 34. No commissioner or committee shall in any way bind the board to do or not to do any certain thing, unless expressly authorized so to do; and no such action shall in any way be recognized by the board, unless expressly ratified or approved.

BOND FOR CONTRACTOR,

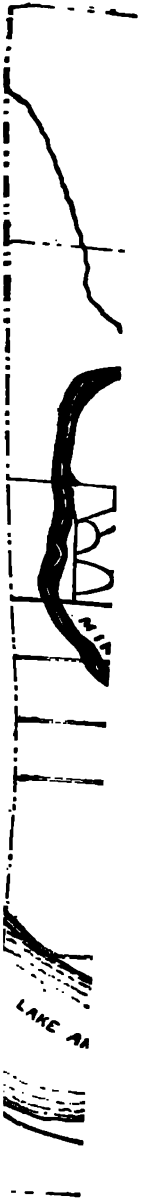
SEC. 35. No contract shall be awarded to any person for any construction or other work to be done in any park or parkway, where the contract

price exceeds one hundred dollars, and in which the materials and labor are in whole or in part to be furnished by others, unless a bond, conditioned, among other things, for the payment for such material and labor, shall be executed and approved, unless such bond is expressly waived by the board.

Said bond shall be in a sum double the amount to be paid on said contract, and shall be approved by the attorney of the board as to form, and by the president and chairman of the committee on finance as to the responsibility of sureties.

SEC. 38. These rules and regulations, or any of them, may be suspended by two-thirds vote at any regular meeting, and may be amended or repealed at any regular meeting, subsequent to the meeting when the same is proposed, by a vote of a majority of the entire board.

Passed January 4, 1892.



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1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of names and addresses of the members of the committee.

3. The third part of the document is a list of names and addresses of the members of the committee.

4. The fourth part of the document is a list of names and addresses of the members of the committee.

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10. The tenth part of the document is a list of names and addresses of the members of the committee.

ANNUAL REPORT

**Board of Court House and City
Hall Commissioners.**

1891.

THE BOARD OF COURT HOUSE AND CITY HALL COMMISSIONERS.

WM. D. WASHBURN,
JOHN C. OSWALD,
OLIVER T. ERICKSON,
DAVID M. CLOUGH,
TITUS MARECK,
JOHN SWIFT,

JNO. DELAITTRE,
WM. S. CHOWEN,
LARS SWENSON,
GEORGE A. BRACKETT,
EDGAR F. COMSTOCK,
EDWARD M. JOHNSON.

OFFICERS OF THE BOARD FOR 1892.

DAVID M. CLOUGH,	-	-	-	-	-	-	President.
EDWARD M. JOHNSON,	-	-	-	-	-	-	Vice President.
LARS SWENSON,	-	-	-	-	-	-	Treasurer.
CHAS. P. PRESTON,	-	-	-	-	-	-	Secretary.

Offices: 542 Boston Block.

LONG & KEES, - - - - - Architects.

Offices: Kasota Block.

DANIEL FISH, - - - - - Attorney.

Office: Oneida Block.

O. T. ERICKSON, - - - - - Clerk of the Works.

Office at the Building.

**REPORT OF THE SECRETARY
OF THE
BOARD OF COURT HOUSE AND CITY
HALL COMMISSIONERS.**

To the Board of Court House and City Hall Commissioners:

GENTLEMEN:—I have the honor to submit herewith my report for the fiscal year ending December 31, 1891.

Respectfully,

CHAS. P. PRESTON, *Secretary.*

MINNEAPOLIS, MINN., Dec. 31, 1891.

RECEIPTS AND EXPENDITURES FOR THE YEAR 1891.

Receipts.

From sale of "City Series" bonds:		
Par value	\$250,000.00	
Accrued interest	1,775.35	\$251,775.35
From sale of "Country Series" bonds:		
Par value	125,000.00	
Premiums	1,167.00	
Accrued interest	1,873.54	128,040.54
Total receipts		\$379,815.89
Balance in Treasury, Dec. 31, 1890		4,185.56
Total to be accounted for		\$384,001.47

Expenditures.

Iron Work account:		
Paid Crown Iron Works Co.		\$4,123.57
Granite, Cut Stone and Brick Work account:		
Paid Haglin & Morse		51,349.19
Floor Arches and Concreting account:		
Paid Pioneer Fire Proof Construction Co.		43,549.28
James Baxter & Son contract:		
Paid James Baxter & Son		189,137.25
The Gillette-Herzog Manufacturing Co. contract:		
Paid Gillette-Herzog Manufacturing Co.		8,018.75
Menzel & Ferguson Contract No. 1:		
Paid Menzel & Ferguson		22,472.28
Menzel & Ferguson Contract No. 2:		
Paid Menzel & Ferguson		3,820.95
Building account:		
Paid for labor at building, carpenter work, painting, etc.	\$1,404.99	
Paid for lumber for window frames, temporary stairway, etc.	616.81	
Paid for raising iron	456.10	
Paid for hardware and tools	173.49	
Paid for paint	50.00	2,701.39
Architects Fees account:		
Paid Long & Kees		8,222.20
Interest account:		
Paid interest on borrowed money		401.39
Expense account:		
Paid salary of clerk of the works	1,800.00	
Paid salary of secretary	1,200.00	
Paid salary of attorney	500.08	
Paid office janitor	15.00	
Paid office rent	500.00	
Paid for engraving bonds	675.00	
Paid for delivering bonds in New York	114.87	
Paid gas bills	32.74	
Paid postage	5.50	
Paid telegrams	49.48	
Paid for advertising	48.95	
Paid for printing and stationery	48.44	
Paid for typewriting	31.25	
Paid safe deposit storage and box rent	30.00	
Paid telephone bills	15.00	
Paid for testing and repairing scales	8.40	
Paid for painting office building	9.00	
Paid for plumbing	5.11	
Paid expressage	1.25	
Paid for copy of act of legislature	1.10	
Paid expense of ceremony of laying of corner stone		
Carriage hire	\$49.50	
Erecting awning and stand	32.00	
Rent of chairs and tables	16.00	
Flag pole	2.00	
Dray	1.00	100.50
Total expenditures		\$339,647.92
Balance in treasury, December 31, 1891		44,953.55
Total accounted for		\$384,001.47

BONDS.

There remain unsold of the authorized issue of bonds:

"City Series"	\$50,000.00	
"Country Series"	265,000.00	
		\$315,000.00

CONTRACTS UNCOMPLETED.

The following statement shows the amounts of all uncompleted contracts, the amounts paid thereon, and the balances which will be due contractors when their contracts are completed:

Haglin & Morse contract:		
Total amount of contract.....	\$248,292.96	
Less deductions made.....	4,368.44	
	<hr/>	
Amount paid on same.....	\$244,924.52	
	243,924.52	
Amount to be paid.....		\$1,000.00
Crown Iron Works Co. contract:		
Total amount of contract.....	\$64,791.66	
Less deductions made.....	3,632.41	
	<hr/>	
Amount paid on same.....	\$61,159.25	
	60,959.25	
Amount to be paid.....		200.00
Pioneer Fire Proof Construction Co. contract:		
Total amount of contract.....	\$76,179.68	
Amount paid on same.....	50,412.00	
	<hr/>	
Amount to be paid.....		16,767.68
James Baxter & Son contract:		
Total amount of contract.....	\$341,018.55	
Amount paid on same.....	189,137.25	
	<hr/>	
Amount to be paid.....		151,881.30
The Gillette-Herzog Manufacturing Co. contract:		
Total amount of contract.....	\$15,514.51	
Amount paid on same.....	8,018.75	
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Amount to be paid.....		7,495.76
Menzel & Ferguson contract No 1:		
Total amount of contract.....	\$26,818.00	
Amount paid on same.....	22,472.28	
	<hr/>	
Amount to be paid.....		4,345.72
Menzel & Ferguson contract No. 2:		
Total amount of contract.....	\$8,973.76	
Amount paid on same.....	3,820.95	
	<hr/>	
Amount to be paid.....		5,152.81
Total amount due under all uncompleted contracts, when the same are completed.....		\$186,843.27

SUMMARY

Of the transactions of the board from its organization to December 31, 1891:

Total Receipts.

Total receipts from all sources.....	\$1,224,895.71
--------------------------------------	----------------

Total Expenditures.

For site, block 77.....	\$321,408.00	
For building.....	781,863.04	
For architects' fees.....	48,222.20	
For expense account.....	24,760.95	
For engineering.....	1,179.00	
For office furniture.....	1,720.59	
For fence at works.....	556.78	
For office building.....	107.93	
For water closet building.....	123.66	
	<hr/>	
Total expenditures.....	\$1,179,942.16	
Balance in treasury, December 31, 1891.....	44,953.55	\$1,224,895.71

THE LAYING OF THE CORNER STONE.

The corner stone of the building was laid by M. W. Grand Master Alphonso Barto, assisted by the Grand Lodge of Minnesota, A. F. and A. M., at three o'clock P. M., on Thursday, July 16, 1891.

The ceremony was attended by many of the Masonic bodies of this city and state. The Hon. W. B. Merriam, governor, the Hon. G. S. Ives, lieutenant governor, the Hon. Robert Smith, mayor of St. Paul and the members of the St. Paul board of aldermen and city council, were present at the ceremony as guests of the board.

In addition to the above guests, the board extended invitations to be present at the ceremony to the judges of the supreme court of Minnesota, all the state officers, the mayor and all Minneapolis city officers, the members of the city council of Minneapolis, the board of education, the board of park commissioners, the library board, the board of county commissioners of Hennepin county and all county officers, the judges of the district, probate and municipal courts, the chamber of commerce, the board of trade, the jobbers' association, the business mens' union, the builders' exchange, the Minneapolis bar association, the trades and labor assembly and the editors of all the Minneapolis and St. Paul daily newspapers.

The entire management of the ceremony was placed by the board in the hands of the Grand Lodge. The local committee representing the Masonic bodies, Messrs. Charles D. Boyce, J. H. Thompson and J. M. Williams arranged for a procession to the building under the charge of Mr. J. W. Nash as Grand Marshal. The procession formed on Hennepin avenue, between Fourth and Sixth streets, was headed by a police escort and band, followed by the grand and subordinate commanderies, the board and its invited guests, the granite cutters' union, local and visiting Masonic bodies and the Grand Lodge, and moved up Hennepin avenue to Tenth street, thence to Nicollet avenue, thence to Fifth street, thence to the building.

The building had been prepared for the occasion by the erection of an awning over the seats provided for the guests.

The ceremonies at the building were opened by an address of welcome delivered by the Hon. P. B. Winston, mayor of Minneapolis, after which the corner stone was laid by the Grand Master. The following deposit was made in a large sealed copper box placed under the corner stone:

Copies of all Minneapolis daily papers.

Copies of all weekly and monthly periodicals published in Minneapolis.

Annual reports of the secretary of the board of court house and city hall commissioners for 1889 and 1890.

Acts of legislature relating to organization of the board and its by-laws.

Statement of resources and liabilities of the board and cost of building to date.

The Minneapolis Journal Souvenir.

Minneapolis Illustrated, published by the board of trade.

Davison's Minneapolis city directory for 1890.

Hudson's dictionary of Minneapolis for 1891.

Charter, ordinances, rules, etc., of Minneapolis, two volumes.

Proceedings of the city council of Minneapolis for the year 1890.

Annual reports of Minneapolis city officers and boards for 1889 and 1890.

Financial statement of Hennepin county for the year 1890.

List of county commissioners of Hennepin county.

Eight annual report of the chamber of commerce.

Copy of invitation to laying of corner stone.

After singing by the Masonic quartette, Mr. Frank F. Davis delivered the oration of the day, the Grand Master gave the benediction and the ceremony was over.

REPORT OF THE CLERK OF THE WORKS.

To the Honorable Board of Court House and City Hall Commissioners:

GENTLEMEN:—The following is a report of the progress of construction at the new court house during the year ending December 31, 1891:

Material used in court house and city hall for year ending November 30, 1891—

Granite, laid, cubic feet.....		65,000
Bedford stone, laid, cubic feet.....		15,000
Mankato stone, laid, cubic feet.....		36,000
Total.....		116,000
Brick, common, laid.....	2,650,000	
Brick, pressed, laid.....	92,000	
		2,742,000
Tile, three inch flue lining, square feet.....	3,000	
Tile, six inch floor arches, square feet.....	91,200	
Tile, five inch floor arches, square feet.....	22,500	
		116,700
Concrete on arches, cubic yards.....		2,000
Cast iron, set in place, pounds.....	762,000	
Steel beams, plates and tie rods, in place, pounds.....	502,500	
		1,264,500
On hand ready for the season of 1892—		
Granite, cubic feet.....		21,000
Brick, common.....	800,000	
Brick, pressed.....	18,000	
		818,000
Cast iron, pounds.....	40,000	
Steel beams, plates and tie rods.....	175,800	
		215,800
Crushed stone for concrete, cubic yards.....		500

As a part of the work is being done by the day, and under your supervision, a summary of the cost of prosecuting the same is herewith attached:

Erecting iron—		
Labor.....	\$806.71	
Raising.....	456.10	
Tools.....	92.51	
Planks.....	24.19	
		\$1,179.51
Amount of iron erected—		
Steel beams, pounds.....	430,726	
Cast iron, pounds.....	248,997	
Rods and connections, pounds.....	58,067	
Two girders, pounds.....	44,155	
		781,945
Window frames—		
Labor, making and setting.....	\$569.28	
Lumber.....	464.75	
Mill work.....	33.86	
Hardware.....	20.00	
		\$1,087.89
Number of frames—		
Single.....	218	
Mullion.....	176	
		394
Painting—		
Labor.....	\$176.00	
Material.....	100.60	
		\$276.60
Number of yards painting—		
Of iron.....	3,064	
Of wood work.....	768	
		3,832
Corner stone ceremony—		
Lumber.....	\$53.20	
Labor.....	30.00	
Copper box.....	8.73	
Nails.....	2.00	
		\$93.93
Stairways—		
Lumber.....	\$38.77	
Labor.....	10.00	
Nails.....	.65	
		\$49.42
Filling around foundation—		
One-hundred loads of earth.....		\$10.00
Covering columns—		
Labor.....	\$3.00	
Lumber.....	1.05	
		\$4.05

RECAPITULATION.

Erecting iron—	
Steel and cast, 391 tons @ \$3.01.....	\$1,179.51
Window frames—	
Material and labor, 394 frames @ \$2.76	1,087.88
Painting—	
Material and labor, 3,872 yards @ 7 1-10 cents	278.60
Corner stone ceremony—	
Material and labor.....	93.93
Stairways—	
Material and labor.....	49.42
Filling around foundation—	
One-hundred loads of earth.....	10.00
Covering columns—	
Material and labor.....	4.05
Total cost of work at building.....	\$2,701.39

In the schedule submitted, where you have let iron work by contract, the cost of erection is placed at \$5.00 per ton for cast iron, and \$4.50 for wrought iron; painting ten cents per yard.

The price of the tools used has been included in the cost of erection. These tools are still on hand, and, with a few minor exceptions are as good as new.

Respectfully submitted,

OLIVER T. ERICKSON,

Clerk of the Works.

Minneapolis, Minn., Dec. 31, 1891.

ANNUAL REPORT
CITY ASSESSOR.
1891.

DEPARTMENT OF CITY ASSESSOR.

J. C. PLUMMER, City Assessor.

DEPUTIES.

W. W. WOODWARD,	W. B. JONES,
S. L. WHITE,	C. F. SMITH,
T. BOHAN,	B. C. GIBBONS,
A. L. BURNHAM,	DWIGHT CRANDALL,
WILLIAM CHENEY,	L. E. WEITZEL,
J. G. PALMER,	LEWIS MAISH,
C. P. HILLSTAD,	HENRY ENGER,
H. H. GOODRICH,	H. T. NESS,
HERMAN SHOL,	O. D. JONES,

CLERKS.

MISS H. M. PLUMMER,	MISS LILLIAN WILLIAMS.
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ANNUAL REPORT OF THE CITY ASSESSOR.

MINNEAPOLIS, Jan. 6, 1892.

To the Honorable City Council.

GENTLEMEN:—In accordance with your instructions, I have the honor to present my third annual report of the administration of this department for the year ending December 31st, 1891.

Only the new buildings and the personal property were subject to assessment for this year according to the assessment laws of the state.

All the property in the city, both real and personal, will be assessed in 1892. I have not found it necessary at this time to go into elaborate comparisons either with former years or with other localities. In Schedule A of this report, you will find the personal assessment as originally made by this department to be \$19,613,283; as equalized by the city board of equalization, \$19,527,468, and as finally equalized by the state board of equalization, \$19,555,739, being a reduction from the original assessment of \$57,544. The total valuation of personal property, after the exemptions allowed by law of \$100.00 on each individual assessment, is \$18,351,439. The total number of personal assessments is 13,553, being an increase of 912 over the assessment of 1890, and of \$230,004 in amount. The assessment for the new improvements was \$1,994,935. Buildings destroyed or removed, \$275,000, leaving net improvements of \$1,619,935. No change was made by the boards of equalization in the valuation of any improvement. The number of assessments for improvements is 1,461, representing at least 1,700 new buildings erected during the year. I respectfully refer you to Schedules A and B of this report for detailed abstracts of the foregoing summaries.

The increase in the number of personal assessments of about seven per cent. indicate a considerable increase of population.

The number of new buildings erected, while not as large as in some former years, is gratifying as showing the continual growth of the city during a period that has not been marked by great activity.

DISBURSEMENTS.

The expenses of the department have been as follows:

Salaries	\$8,728.01
Blank books	285.50
Printing and stationery	229.96
Livery	125.00
Incidental expenses	93.35
Board of equalization	570.00
Total	\$10,031.82
Appropriation	\$10,060.00
Balance unexpended	\$18.18

CONCLUSION.

I very cheerfully renew my acknowledgments to the council as a body and individually, and to the tax committee for the unvarying kindness and courtesy with which I have always been treated in the discharge of my duties; also to my deputies and clerks, for the able and diligent manner in which they have assisted me in the performance of the duties of this department.

Yours very respectfully,

J. C. PLUMMER.

SCHEDULE A.
ABSTRACT OF PERSONAL ASSESSMENT OF 1891.

	First ward.	Second ward.	Third ward.	Fourth ward.	Fifth ward.	Sixth ward.	Seventh ward.	Eighth ward.	Ninth ward.	Tenth ward.	Eleventh ward.	Twelfth ward.	Thirteenth ward.	Total.
Total value after the \$100 exemption is deducted, dollars.	577,575	936,395	1,546,249	8,165,853	4,474,756	517,551	151,400	714,193	342,476	342,570	300,948	174,388	104,183	\$18,351,430
Total value as equalized by the state board, dollars.	630,775	1,024,395	1,655,249	8,306,253	4,677,156	566,151	230,190	888,603	382,276	383,670	377,548	202,488	129,085	19,555,739
Total value as equalized by the city board, dollars.	630,443	1,004,070	1,684,603	8,394,338	4,675,419	564,870	230,175	888,660	382,210	383,670	377,460	202,385	129,075	19,527,468
Assessed value of all property included in the thirty items, dollars.	663,103	980,910	1,691,388	8,443,831	4,081,504	554,330	228,375	867,705	353,820	362,920	344,340	200,505	127,530	19,613,283
1. Horses, mules and asses—														
One year old, number.	2		3	5	2		3	0	5	7		3	3	42
One year old, value in dollars.	70		60	380	125		110	485	150	270		95	1	\$1,825
Two years old, number.	14	3	5	13	6	12	8	15	17			3	1	97
Two years old, value in dollars.	940		180	775	350	428	403	1,022	865	347		75	75	\$5,060
Three years old and over, number.	754	821	1,507	1,914	1,285	428	403	1,022	468	347		331	224	10,113
Three years old and over, value in dollars.	54,645	54,300	95,085	138,370	98,585	28,025	24,615	65,115	25,525	20,610	31,000	17,185	14,415	665,565
2. Cattle—														
One year old, number.	13	190	1		3		3	4	2			14	12	52
One year old, value in dollars.			10		35		40	60	150			140	135	\$780
Two years old, number.	15	1	2	1	1	2	1	3	8			2	11	46
Two years old, value in dollars.			30		15		5	55	220			60	170	\$975
Cows, number.	206	155	171	222	169	20	432	169	240	128	38	671	206	2,834
Working oxen, number.		1	3,025	4,760	2,535	305	7,560	3,745	3,670	1,985	685	12,005	5,660	\$53,735
value in dollars.									1	15				2
All other cattle 3 years old and over, number.	3			3		3						1	2	132
All other cattle 3 years old and over, value in dollars.				60		80						25	220	\$425
3. Sheep of all ages, number.	1			1				3	6					11
value in dollars.					5		11	5	15			29	53	\$30
4. Hogs of all ages, number.	3	1		5				3						84
value in dollars.		20		25			55	20		35		120	125	\$410
5. Wagons and carriages, number.	521	725	1,334	1,906	1,319	322	440	1,102	307	372	468	331	237	9,584
value in dollars.	21,400	34,315	38,900	108,100	87,500	14,025	10,800	43,140	11,788	7,615	14,655	7,700	7,080	\$406,775
6. Sewing and knitting machines, No.	304	541	746	1,201	1,040	150	625	1,137	304	109	415	196	176	6,744
value in dollars.	4,325	6,785	8,705	17,480	13,045	2,270	7,635	16,155	2,500	1,383	5,100	2,365	2,385	\$81,035
7. Watches and clocks, number.	153	759	456	1,818	1,710	100	471	1,532	178	153	335	126	180	7,877
value in dollars.	2,010	13,490	6,050	33,065	32,360	1,130	4,915	22,025	1,840	870	3,480	1,300	2,640	\$121,825

8. Melodions and organs, number....	145	1,080	1,200	1,442	1,114	77	1,955	156	164	173	185	137	123	55	42	1,160
9. Piano fortes, number....	128	385	316	316	718	730	60,680	77	156	156	173	185	137	123	55	42
10. Household & other furn. val. in dols.	10,845	40,015	25,200	25,200	75,630	75,630	60,680	77	156	156	173	185	137	123	55	42
11. Agricultural tools, implements & machinery, value in dols.	66,215	135,960	141,830	141,830	555,460	555,460	566,340	30,065	71,845	71,845	301,485	27,968	18,365	90,665	23,060	33,745
12. Gold and silver plate and plated ware, value in dols.	500	90	1,435	1,435	615	615	380	205	190	705	730	115	10	540	400	5,935
13. Diamonds and jewelry, val. in dols.	430	2,430	785	785	11,065	11,065	0,800	255	635	4,300	225	175	975	200	380	22,470
14. Franchises, annuities, royalties and pat. rights, val. in dols.	2,260	3,900	785	785	21,175	21,175	14,700	185	220	4,070	65	290	330	80	410	48,460
15. Steamboats, sailing vessels, wharves, boats, barges, etc., val. in dols.	.....	.....	.....	.....	585	585	71,995	50	5	250	.....	.....	.....	.....	.....	116,580
16. Goods and mds., value in dols.	.....	.....	.....	.....	20	5,285	15	.....	100	1,285	.....	.....	.....	25	785	7,485
17. Manufacturer's materials, and manuf'd articles, value in dols.	119,860	96,075	433,515	433,515	1,984,805	1,984,805	575,865	221,915	18,820	41,965	62,080	12,730	56,330	8,200	6,240	3,651,480
18. Manufacturers tools, implements & machinery, including engines & boilers, value in dols.	81,150	186,985	111,520	111,520	156,285	156,285	335,285	41,090	1,000	8,675	140,200	184,330	16,210	36,495	1,000	1,303,115
19. Moneys of banks, bankers, brokers or stock jobbers, val. in dols.	14,200	43,110	41,905	41,905	130,245	130,245	61,965	29,490	550	7,065	5,700	3,235	2,910	6,655	500	347,560
20. Credits of banks, bankers, brokers or stock jobbers, val. in dols.	310	275	2,920	2,920	18,745	18,745	25,615	275	1,140	9,425	100	.....	900	450	1,000	61,155
21. Moneys other than banks, bankers, brokers or stock jobbers, val. in dols.	4,700	1,500	2,020	2,020	3,465	3,465	6,785	550	1,075	400	175	500	1,000	.....	660	22,830
22. Credits other than banks, bankers, brokers or stock jobbers, val. in dols.	5,680	3,700	32,625	32,625	298,600	298,600	240,645	13,825	575	6,925	1,915	10,700	3,500	200	225	586,205
23. Bonds and stocks other than bank stocks, value in dols.	114,035	115,010	162,965	162,965	1,340,190	1,340,190	613,710	42,300	40,930	230,415	54,670	92,740	97,420	61,635	38,885	3,008,475
24. Shares of bank stock, val. in dols.	5,600	1,750	400	400	301,875	301,875	12,035	30,445	1,600	1,980	.....	1,500	150	100,000	.....	457,335
25. Shares of stock of companies and associations not incorporated by the state, value in dols.	134,918	.....	45,498	45,498	2,883,063	2,883,063	1,776,029	37,770	.....	.....	.....	.....	34,515	.....	.....	4,911,703
26. Stock & furn. of sample rooms, saloon & eating houses, including billiard, bagetelle and similar tables, value in dols.	265	.....	.....	.....	250	250	3,000	25	.....	200	.....	.....	.....	.....	.....	4,640
27. All other property not included in the preceding 26 items, val. dols.	6,645	3,685	11,110	11,110	79,090	79,090	34,750	12,015	200	660	1,325	.....	1,775	2,050	200	153,555
28. Elevators, warehouses & improvements on lands of any R. R. Co., value in dols.	2,530	33,385	519,255	519,255	301,050	301,050	98,090	35,675	4,890	25,705	1,275	590	9,230	1,520	2,545	1,035,710
29. Improvements on lands held under law of the U. S., value in dols.	.....	179,500	.....	.....	225	225	.....	6,700	.....	.....	.....	.....	.....	.....	.....	186,425
31. All dogs over 6 months of age, No. value in dols.	172	885	349	307	1,955	1,955	1,435	27	10	322	83	74	47	25	90	35
No. of assessments exclusive of firms.	532	880	1,300	1,720	2,324	2,324	2,024	486	195	480	2,070	630	370	250	140	485
No. of assessments of firms.	87	67	155	155	206	206	206	92	12	757	1,745	388	211	766	281	249
Total number of assessments.	619	947	1,545	1,545	2,951	2,951	2,330	578	207	670	1,786	435	228	822	290	254

SCHEDULE "B."

WARDS.	Assessments of improvements 1891.		Assessment of buildings, 1891.		
	Value of improvements made since last assessment.	Value of improvements destroyed since last assessment.	Lands.	Lots.	Total.
	Dollars.	Dollars.			
First.....	107,200	10,000	2	101	103
Second.....	140,500	55,750	1	121	122
Third.....	177,500	17,400	2	172	174
Fourth.....	482,865	88,050		125	125
Fifth.....	227,425	2,300		62	62
Sixth.....	76,900	1,400		49	49
Seventh.....	71,500	12,700		104	104
Eighth.....	309,970	31,550	1	226	227
Ninth.....	130,450	18,000	4	133	137
Tenth.....	115,600	18,650	10	153	163
Eleventh.....	79,915	5,250		72	72
Twelfth.....	46,900	6,950	3	50	62
Thirteenth.....	49,250	7,000	1	60	61
Total.....	1,949,935	275,000	24	1,437	1,461

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